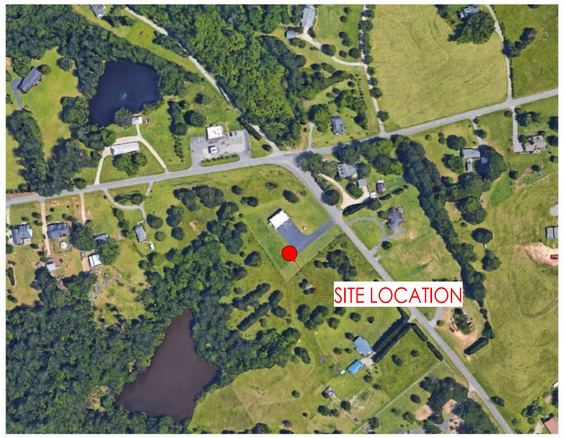
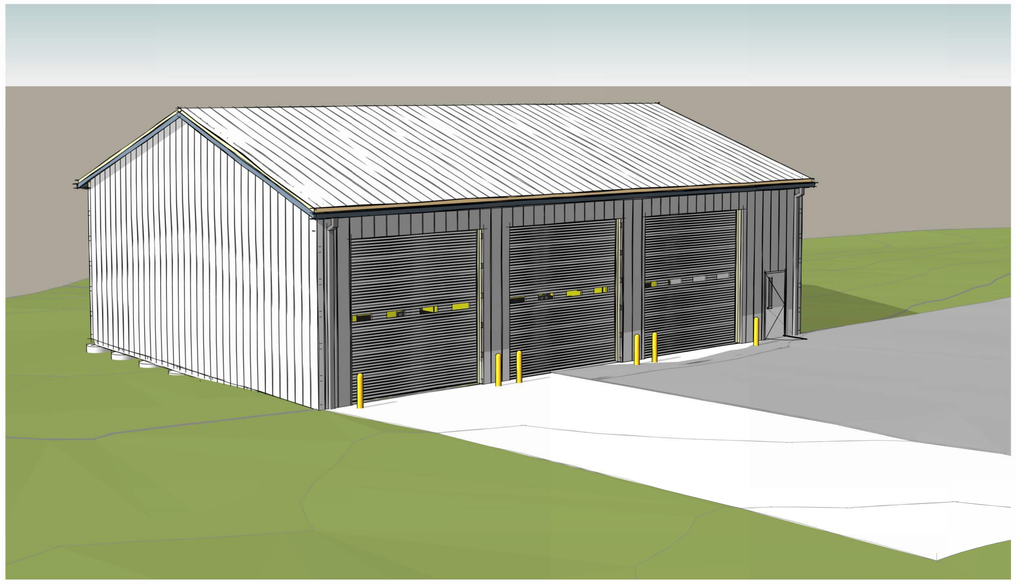
VICINITY MAP



YORK COUNTY
LESSLIE FD STATION #2 GARAGE

CONSTRUCTION DOCUMENTS

2711 Reservation Rd, Rock Hill, SC 29730



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COMMON MATERIAL HATCHES

NOTE: THIS LEGEND MAY CONTAIN HATCHES THAT ARE NOT USED IN THIS PROJECT, AND MAY NOT REPRESENT EVERY HATCH USED IN THIS PROJECT. CONSULT ARCHITECT IF UNSURE OF WHAT A HATCH IS INDICATIVE.

- EARTH
- ALUMINUM
- STEEL
- WOOD BLOCKING, CONTINUOUS
- AGGREGATE
- WOOD BLOCKING, NON-CONTINUOUS
- CONCRETE, POURED
- PLYWOOD
- CONCRETE, PRECAST
- WOOD, FINISHED WOODWORK
- EXISTING BUILDING MATERIALS

GENERAL DEFINITIONS

LIMIT OF WORK:
THIS TERM SHALL DENOTE THE APPROXIMATE PROJECT BOUNDARY.

HOLD:
THE PRESENCE OF "HOLD" IN A DIMENSION STRING INDICATES THAT THE HEIGHT/LENGTH MUST BE EXACTLY THE DIMENSION SPECIFIED. ANY VARIANCE MUST BE REVIEWED BY THE ARCHITECT PRIOR TO CONSTRUCTION. THESE DIMENSIONS SHALL BE FROM OUTSIDE FACE OF FARTHEST FINISH TO OUTSIDE FACE OF FARTHEST FINISH, INCLUDING APPLIED FINISHES.

CLEAR:
THE PRESENCE OF "CLEAR" IN A DIMENSION STRING INDICATES THAT THE HEIGHT/LENGTH MUST BE AT LEAST THE DIMENSION SPECIFIED. THESE DIMENSIONS ARE FROM FACE OF FARTHEST FINISH TO FACE OF FARTHEST FINISH, INCLUDING APPLIED FINISHES. ANY DISCREPANCY MUST BE REVIEWED BY THE ARCHITECT. WHERE USED IN CONJUNCTION WITH ANOTHER TERM (I.E. "MIN CLEAR"), SLIGHT VARIATIONS IN THIS DIMENSION ARE ACCEPTABLE SO LONG AS THE MINIMUM SIZE IS MAINTAINED. A VARIANCE OVER 1" MUST BE REVIEWED BY THE ARCHITECT PRIOR TO COMMENCEMENT OF ALL WORK.

MINIMUM OR MIN:
THE PRESENCE OF "MIN" OR "MINIMUM" IN A DIMENSION STRING INDICATES A MINIMUM CLEAR HEIGHT/LENGTH OF THE AMOUNT INDICATED. THESE DIMENSIONS ARE FROM FACE OF FARTHEST FINISH TO FACE OF FARTHEST FINISH, INCLUDING APPLIED FINISHES. SLIGHT VARIATIONS IN THIS DIMENSION ARE ACCEPTABLE SO LONG AS THE MINIMUM SIZE IS MAINTAINED.

MAXIMUM OR MAX:
THE PRESENCE OF "MAX" OR "MAXIMUM" IN A DIMENSION STRING INDICATES A MAXIMUM CLEAR HEIGHT/LENGTH OF THE AMOUNT INDICATED. THESE DIMENSIONS ARE FROM FACE OF FARTHEST FINISH TO FACE OF FARTHEST FINISH, INCLUDING APPLIED FINISHES. SLIGHT VARIATIONS IN THIS DIMENSION ARE ACCEPTABLE SO LONG AS THE MAXIMUM SIZE IS NOT REACHED.

FURNISH:
SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.

INSTALL:
OPERATIONS AT PROJECT SITE INCLUDING UNLOADING, TEMPORARILY STORING, UNPACKING, ASSEMBLING, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS.

PROVIDE:
FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.

DIMENSIONING NOTES

1. ALL PARTITION & WALL DIMENSIONS INDICATED ON FLOOR PLANS AND REFLECTED CEILING PLANS ARE FROM FACE OF PARTITION TYPE TO FACE OF PARTITION TYPE, UNLESS NOTED OTHERWISE. APPLIED FINISHES WILL BE BUILT OUTSIDE OF THESE DIMENSIONS, UNLESS THE DIMENSION IS INDICATED AS MIN, MAX, CLEAR, OR HOLD.
2. ALL DIMENSIONS TO DOOR OPENINGS ARE TO FINISHED JAMB, UNLESS NOTED OTHERWISE.
3. FIELD VERIFY ALL APPLICABLE DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.

GENERAL SET NOTES

1. DO NOT SCALE DRAWINGS. CONSULT ARCHITECT FOR ANY MISSING DIMENSIONS.
2. ANY PERSPECTIVE, 3D, OR AXONOMETRIC VIEWS THAT MAY EXIST WITHIN THIS DRAWING SET ARE PURELY SUPPLEMENTAL AND REPRESENTATIVE IN NATURE AND ILLUSTRATE ONLY THE DESIGN INTENT. THESE VIEWS MAY NOT REFLECT PRESCIS/COMPLETE DETAILING. REFER TO TWO-DIMENSIONAL DOCUMENTATION FOR CONSTRUCTION DETAILING.
3. GENERAL NOTES AND LEGENDS WITHIN A SERIES (I.E. PLAN NOTES OR PLAN LEGEND) APPLY TO ALL SHEETS WITHIN THAT SERIES, REGARDLESS OF ON WHICH SHEET THE GENERAL NOTES OR LEGEND APPEARS.

SYMBOLS LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- 500-1 — DOOR TAG
- 11 — EQUIPMENT SYMBOL (NUMBER)
- 1 / A — NEW COLUMN GRID LINE
- 1 / A300 — 1 / A300 — BUILDING SECTION MARK
- ROOM NAME / H1234.2 / 150 SF — ROOM TAG
- 3 / A301 — EXTERIOR ELEVATION MARK
- 1 — REVISION NO. 1
- 1 / A4.1 — DETAIL FOR REFERENCE MARK
- 1 / A300 — WALL SECTION MARK
- 1 / 1/A101 G401 / 2/A201 — VIEW REFERENCE WITH REFERRING VIEWS
- 2 / A701 — INTERIOR ELEVATION MARK
- DENOTES FINISH FLOOR GRADE ELEVATION
- 1 / A4.1 — VIEW REFERENCE

PROJECT ABBREVIATIONS

A	
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
AWP	ACOUSTICAL WALL PANEL
ADJ	ADJACENT
A/C	AIR CONDITIONING
ALT	ALTERNATE
ALUM	ALUMINUM
AB	ANCHOR BOLT
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECT, ARCHITECTURAL
AD	AREA DRAIN
AGL	ART GLASS
ACM	ASBESTOS CONTAINING MATERIAL
@	AT
AUTO	AUTOMATIC
B	
BP	BEARING PLATE
BM	BENCH MARK
BITUM	BITUMINOUS
BLK	BLOCK
BLKG	BLOCKING
BD	BOARD
BOT	BOTTOM
BRK	BRICK
BLDG	BUILDING
BN	BULLNOSE
C	
CAB	CABINET
CPT	CARPET
CI	CAST IRON
CB	CATCH BASIN OR CHALK BOARD
CLG	CEILING
CLG HT	CEILING HEIGHT
CL	CENTER LINE
CER	CERAMIC
CHR	CHAIR RAIL
CIRC	CIRCUMFERENCE
CO	CLEAN OUT
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONST	CONSTRUCTION
CJT	CONSTRUCTION JOINT

CONT	CONTINUOUS
CONTR	CONTRACTOR
CJ	CONTROL JOINT
CG	CORNER GUARD
CR	CRASH RAIL
D	
DP	DAMP PROOFING
DEMO	DEMOLISH
DEPT	DEPARTMENT
DET,DTL	DETAIL
DIA	DIAMETER
DG	DIGITAL GRAPHIC
DWC	DIGITIAL WALL COVERING
DWP	DIGITIAL WALL PANEL
DIM	DIMENSION
DISP	DISPENSER
DSP	DISPOSAL
DO	DITTO, REPEAT, SAME
DS	DIVIDER STRIP
DR	DOOR
DBL	DOUBLE
DN	DOWN
DS	DOWNSPOUT
DT	DRAIN TILE
DWR	DRAWER
DWG	DRAWING
DF	DRINKING FOUNTAIN
E	
EA	EACH
EF	EACH FACE
EW	EACH WAY
E	EAST
ELEC	ELECTRICAL
ELEV	ELEVATION
EL	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENTR	ENTRANCE
EPT	EPOXY PAINT
ERF	EPOXY RESIN FLOOR
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE(D)
EXHST	EXHAUST
EXIST	EXISTING
ETR	EXISTING TO REMAIN
EXP	EXPANSION
EJ	EXPANSION JOINT

F	
FAB	FABRICATE
FT	FEET
FRP	FIBER REINFORCED PANEL
FIG	FIGURE
FIN	FINISH
FF	FINISH FLOOR
FEC	FIRE EXTINGUISHER CABINET
FH	FIRE HOSE
FI, FLR	FLOOR
FD	FLOOR DRAIN
FTG	FOOTING
FND	FOUNDATION
FS	FULL SIZE
FUT	FUTURE
G	
GALV	GALVANIZED
G	GAS
GA	GAUGE
GEN	GENERAL
GC	GENERAL CONTRACTOR
GL	GLASS, GLAZING
GB	GRAB BAR
GR	GRADE, GRADING
GSF	GROSS SQUARE FOOT
GRT	GROUT
GYP	GYPSUM
GYP BD	GYPSUM BD
GWB	GYPSUM WALL BOARD
H	
HDWR	HARDWARE
HDWD	HARDWOOD
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HT, HGT	HEIGHT
HEX	HEXAGONAL
HPL	HIGH PRESSURE PLASTIC LAMINATE
HWY	HIGHWAY
HM	HOLLOW METAL
HORZ	HORIZONTAL
HB	HOSE BIBB
HW	HOT WATER
HR	HOUR
I	
IN	INCH
INCL	INCLUDING
ID	INSIDE DIAMETER

INSUL	INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
J	
JAN	JANITOR
JS	JANITOR SINK
JT	JOINT
K	
KIT	KITCHEN
L	
LBL	LABEL
LAB	LABORATORY
LAM	LAMINATE(D)
LAV	LAVATORY
LYR	LAYER
LDR	LEADER
LH	LEFT HAND
LIB	LIBRARY
LT	LIGHT
LW	LIGHT WEIGHT
LVT	LUXURY VINYL TILE
M	
MACH	MACHINE
MH	MAN HOLE
MHC	MAN HOLE COVER
MFR	MANUFACTURE
MFRR	MANUFACTURER
MAS	MASONRY
MO	MASONRY OPENING
MAT	MATERIALS
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MTL	METAL
M	METER
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MR	MOISTURE RESISTANT
MTD	MOUNTED
N	
NAT	NATURAL
NRC	NOISE REDUCTION COEFFICIENT
NOM	NOMINAL
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE

NO. #	NUMBER
O	
OC	ON CENTER
OPNG	OPENING
OD	OUTSIDE DIAMETER
OH	OVERHEAD
P	
PT	PAINT(ED)
PR	PAIR
PTR	PAPER TOWEL RECEPTOR
PKG	PARKING
PART BD	PARTICLE BOARD
PART	PARTITION
PTM	PATCH TO MATCH
PVMT	PAVEMENT
PL	PLATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PVC	POLYVINYL CHLORIDE
PC CONC	PRECAST CONCRETE
PRE FAB	PREFABRICATED
PT	PRESSURE TREATED
PL	PROPERTY LINE
Q	
QTY	QUANTITY
QB	QUARRY BASE
QT	QUARRY TILE
QTZ	QUARTZ
R	
RAD	RADIUS
RECP	RECEPTACLE
RE:	REFER TO
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED(ING)
REQ'D	REQUIRED
RB	RESILIENT BASE
RS	RESILIENT SHEET
RST	RESILIENT STAIR TREAD
RT	RESILIENT TILE
RP	RESIN PANEL
REV	REVISED
RH	RIGHT HAND
R	RISER
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
S	

SAN	SANITARY
SCHED	SCHEDULE
SCON	SEALED CONCRETE
SEC	SECOND
SECT	SECTION
SIM	SIMILAR
SSM	SOLID SURFACE MATERIAL
STC	SOUND TRANSMISSION COEFFICIENT
SC	SPECIALTY CEILING
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
SN	STAIR NOSE & RISER
STD	STANDARD
STL	STEEL
SV	STONE VENEER
STOR	STORAGE
SGFT	STRUCTURAL GLAZED FACING TILE
ST STL	STRUCTURAL STEEL
STRUCT	STRUCTURE, STRUCTURAL
SUSP	SUSPENDED
SAT	SUSPENDED ACOUSTICAL TILE
T	
TEL	TELEPHONE
TEMP	TEMPERATURE
TER	TERRAZZO
THK	THICKNESS
TB	TILE BASE
TF	TILE FLOOR
TPD	TOILET PAPER DISPENSER
TOS	TOP OF SLAB/STEEL
TOW	TOP OF WALL
TR	TRIM
TYP	TYPICAL
U	
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UPH	UPHOLSTERY
U	URINAL
V	
VEN	VENEER
VIF	VERIFY IN FIELD
VEST	VESTIBULE
VCT	VINYL COMPOSITION TILE
VET	VINYL ENHANCED TILE
VQT	VINYL QUARTZ TILE
VOL	VOLUME

W	
WOM	WALK OFF MATT
WG	WALL GUARD
WLT	WALL TILE
WC	WATER CLOSET
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
W	WEST
WIND	WINDOW
W/	WITH
W/O	WITHOUT
WD	WOOD
WS	WRITEABLE SURFACE
Y	
YD	YARD

DRAWING LIST

SHEET NUMBER	SHEET NAME	CONSTRUCTION DOCUMENTS 01/28/2026	03/20/2026 REVISION 1
GENERAL			
G000	COVER	•	•
G101	LEVEL 1 LIFE SAFETY PLAN - OVERALL	•	•
CIVIL			
C001	GENERAL NOTES & LEGEND	•	•
C100	DEMOLITION PLAN	•	•
C200	SITE UTILITY PLAN	•	•
C210	GRADING & EROSION CONTROL PLAN	•	•
C800	SITE DETAILS	•	•
C801	SEDIMENT & EROSION CONTROL DETAILS	•	•
LANDSCAPE			
L101	LANDSCAPE PLAN		•
L800	LANDSCAPE DETAILS & NOTES		•
STRUCTURAL			
S0.0	GENERAL NOTES	•	•
S1.0	EXTERIOR ELEVATIONS	•	•
S2.0	FOUNDATION PLAN	•	•
S3.0	STRUCTURAL FLOOR PLAN	•	•
S4.0	SECTIONS & DETAILS	•	•
ARCHITECTURAL			
A001	SITE PLAN	•	•
A200	LEVEL 1 FLOOR PLAN AND ROOF PLAN	•	•
A300	BUILDING ELEVATIONS	•	•
A350	BUILDING SECTIONS	•	•
A450	WALL SECTIONS & DETAILS	•	•
A451	WALL SECTIONS & DETAILS	•	•
A601	LEVEL 1 REFLECTED CEILING PLAN, DOOR SCHEDULE AND DETAILS	•	•
HVAC			
H000	HVAC SYMBOLS LEGEND AND CONTRACTOR NOTES	•	•
H200	GARAGE HVAC PLAN	•	•
PLUMBING			
P300	GARAGE NATURAL GAS PIPING NEW WORK PLAN	•	•
ELECTRICAL			
E000	SPECIFICATIONS, ONE-LINE DIAGRAM, AND NOTES	•	•
E050	SITE PLAN	•	•
E200	FLOOR PLANS	•	•

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PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	3/20/2026	Revision 1

APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC — Greenville, South Carolina — No. 00069 — REGISTERED ARCHITECTS

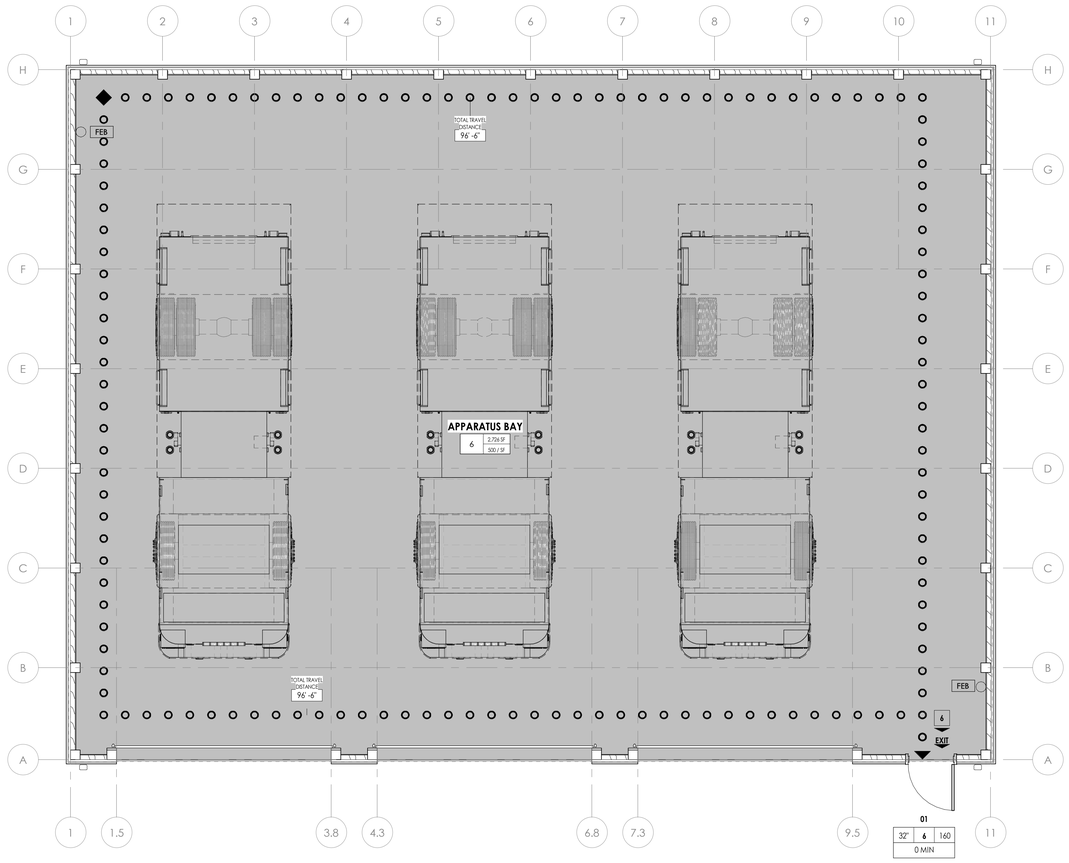
STATE OF SOUTH CAROLINA — RACHEL FRANCESCA NILSON — Charlotte, NC — No. 31483 — REGISTERED ARCHITECT

01/28/2026

SHEET INFORMATION

Issued: 01/28/2026
Scale: As indicated
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: NAW
Checked By: AB
Drawing Title: COVER
Drawing Number: G000

3/26/2026 10:38:53 AM PROJECT FILES ON ACC



FUNCTION OF SPACE

STORAGE

TRUE NORTH

PROJECT NORTH

3 G101

LEVEL 1 OVERALL LIFE SAFETY PLAN

1/4" = 1'-0"

APPLICABLE CODE SUMMARY

APPLICABLE CODES	VERSION	AMMENDMENTS
INTERNATIONAL BUILDING CODE	2021	
INTERNATIONAL FIRE CODE	2021	
INTERNATIONAL PLUMBING CODE	2021	
INTERNATIONAL MECHANICAL CODE	2021	
INTERNATIONAL FUEL CODE	2021	
NFPA 70	2020	
INTERNATIONAL ENERGY CONSERVATION CODE	2009	
ADA	2010	

ADDITIONAL BUILDING CODE ANALYSIS - IBC 2021

OCCUPANCY GROUP CLASSIFICATION

STORAGE S-1

TYPE OF CONSTRUCTION

TYPE VB

CODE ITEM:	CODE REFERENCE	ALLOWABLE
IBC CH. 5 GENERAL BUILDING HEIGHTS & AREAS		
PERMITTED BUILDING HEIGHT	TABLE 504.3	40'
ACTUAL BUILDING HEIGHT		24'-6"
PERMITTED NUMBER OF STORIES	TABLE 504.4	1
ACTUAL NUMBER OF STORIES		1
PERMITTED BUILDING AREA	TABLE 506.2	9,000 SF
ACTUAL BUILDING AREA		2,726 SF
IBC CH. 6 TYPES OF CONSTRUCTION		
PRIMARY STRUCTURAL FRAME	TABLE 601	0 HR
EXTERIOR BEARING WALLS	TABLE 601	0 HR
INTERIOR BEARING WALLS	TABLE 601	0 HR
NONBEARING WALLS & PARTITIONS INTERIOR	TABLE 601	0 HR
FLOOR CONSTRUCTION	TABLE 601	0 HR
ROOF CONSTRUCTION	TABLE 601	0 HR
MEANS OF EGRESS		
NUMBER OF EXITS REQUIRED	TABLE 1006.2.1	1
NUMBER OF EXITS PROVIDED		1
MAXIMUM DEAD END CORRIDOR LENGTH ALLOWED	1020.5	20'
MAXIMUM DEAD END CORRIDOR LENGTH PROVIDED		SEE PLAN
MAXIMUM TRAVEL DISTANCE	TABLE 1017.2	200'
ACTUAL TRAVEL DISTANCE		SEE PLAN
MAXIMUM COMMON PATH	TABLE 1006.2.1	100'-0"
ACTUAL COMMON PATH		SEE PLAN
SEPARATION OF EXITS REQUIRED	1007.1.1	NA
SEPARATION OF EXITS PROVIDED		NA
FIRE SPRINKLER SYSTEM REQUIRED	903.2.9	NO
FIRE SPRINKLER SYSTEM PROVIDED		NO
FIRE ALARM SYSTEM REQUIRED	907.2.10	NO
FIRE ALARM SYSTEM PROVIDED		NO
SMOKE ALARM SYSTEM REQUIRED	907.2.11	NO
SMOKE ALARM SYSTEM PROVIDED		NO
CARBON MONOXIDE ALARM SYSTEM REQUIRED	915.1.1	NO
CARBON MONOXIDE ALARM SYSTEM PROVIDED		NO
PORTABLE FIRE EXTINGUISHERS REQUIRED	906.1	YES
MAXIMUM DISTANCE BETWEEN EXTINGUISHERS	TABLE 906.3(1)	75'
EXIT SIGNS REQUIRED	1013.1	NO
EXIT SIGNS PROVIDED		NO

OCCUPANCY SCHEDULE (AREA BASED)

LVL	AREA NAME	AREA NO.	AREA	FUNCTION OF SPACE	OCC LOAD FACTOR	OCCUPANT LOAD
LVL 1	APPARATUS BAY	10	2,726 SF	STORAGE	500	6
						6
						6

DOOR EGRESS

DOOR EGRESS CAPACITIES @ .2"/PERSON IBC 2021 1005.3.2

SIZE	CLEAR WIDTH	EXITING CAPACITY
3'-0" SINGLE	32"	160 PERSONS
3'-0" PAIR	68"	340 PERSONS

LIFE SAFETY GENERAL NOTES

1. WALL RATINGS INDICATE RATING ASSEMBLY REQUIRED IN HOURS. FOR DESIGNATIONS BETWEEN FIRE BARRIER, FIRE PARTITION, AND FIRE WALL, REFER TO LIFE SAFETY PLANS & CODE STUDY.

LIFE SAFETY SYMBOL LEGEND

EXIT — EXIT

ED — EXIT DISCHARGE

EAD — EXIT ACCESS DOOR

AE — ACCESSIBLE ENTRANCE

HE — HORIZONTAL EXIT

EXIT SIGN

RW — RESCUE WINDOW

ROOM/AREA NAME

— ROOM AREA

SF — OCCUPANT LOAD FACTOR

OP — CALCULATED OCCUPANT LOAD

ROOM/AREA NAME

— ROOM AREA

SF — INDICATES OCCUPANCY OTHER THAN CODE MIN STATED OCCUPANT LOAD

STAIR 60" 44" 100 — PROVIDED WIDTH / REQUIRED WIDTH / ANTICIPATED LOAD

###-# — DOOR NUMBER / ANTICIPATED LOAD

— EGRESS CAPACITY

MIN — FIRE RATING / CLEAR WIDTH

TRAVEL DISTANCE 0' - 0" (0'-0" MAX) — TRAVEL DISTANCE

COMMON PATH OF TRAVEL 0' - 0" (0'-0" MAX) — COMMON PATH TRAVEL

DEAD END DISTANCE 0' - 0" (0'-0" MAX) — DEAD END DISTANCE

FIRE SHUTTER 1 HR — FIRE SHUTTERS

FG — FIRE-RATED GLAZING SYSTEM. ***RATING REQUIREMENTS AS INDICATED ON PLAN.***

NON-RATED SMOKE TIGHT **PARTITION**

1 HOUR FIRE/SMOKE RATED **BARRIER**

1 HOUR FIRE RATED **BARRIER**

1 HOUR FIRE RATED **PARTITION**

2 HOUR FIRE/SMOKE RATED **BARRIER**

2 HOUR FIRE RATED **BARRIER**

3 HOUR FIRE/SMOKE RATED **WALL**

4 HOUR FIRE/SMOKE RATED **WALL**

SMOKE COMPARTMENT

SUITE (NFPA 101)

1 HR RATED HORIZONTAL ASSEMBLY - UL-####

2 HR RATED HORIZONTAL ASSEMBLY - UL-####

FE — EXISTING FIRE EXTINGUISHER

FE — FIRE EXTINGUISHER

FEB — EXISTING BRACKET MTD FIRE EXTINGUISHER

FEB — BRACKET MTD FIRE EXTINGUISHER

FEC — EXISTING FIRE EXTINGUISHER CABINET

FEC — FIRE EXTINGUISHER CABINET

FHC — EXISTING FIRE HOSE CABINET

FHC — FIRE HOSE CABINET

TES — TACTILE EXIT SIGNAGE

2WC — TWO-WAY COMMUNICATION

TRS — TACTILE RESTROOM SIGNAGE

SYMBOL OF ACCESSIBILITY

OCC — MAXIMUM POSTED OCCUPANCY

AR — AREA OF REFUGE

SPRINKLER SYSTEM

BUILDING IS NOT FULLY SPRINKLERED

FIRE SPRINKLERS ARE NOT REQUIRED PER CHAPTER 903.2.9 OF THE 2021 IBC.

TOILET FIXTURE SUMMARY

USE	OCC	WC REQ'D	WC SUPPLIED	LAV REQ'D	LAV SUPPLIED	DRINKING FOUNTAIN REQ	DRINKING FOUNTAIN SUPPLIED	SERVICE SINK REQ	SERVICE SINK SUPPLIED
LEVEL __:									
EXISTING BLDG	8	0.20		0.14		.08			
STORAGE S-1	6	0.06		0.06		.006			
LEVEL __ TOTALS:	**14**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

WE ARE NOT ADDING A RESTROOM FACILITY TO THE GARAGE. THE EXISTING RESTROOM IN THE EXISTING BUILDING WILL SERVE AS THE RESTROOM FACILITY FOR BOTH BUILDINGS.

2021 IBC
SECTION 2902.2 SEPARATE FACILITIES

- WHERE PLUMBING FIXTURES ARE REQUIRED, SEPARATE FACILITIES SHALL BE PROVIDED FOR EACH SEX.
- EXCEPTIONS
  2. SEPARATE FACILITIES SHALL NOT BE REQUIRED IN STRUCTURES OR TENANT SPACES WITH A TOTAL OCCUPANT LOAD, INCLUDING BOTH EMPLOYEES AND CUSTOMERS, OF 15 OR FEWER.

SECTION 2902.3.3 - LOCATION OF TOILET FACILITIES IN OCCUPANCIES OTHER THAN MALLS.

- IN OCCUPANCIES OTHER THAN COVERED AND OPEN MALL BUILDINGS, THE REQUIRED PUBLIC AND EMPLOYEE TOILET FACILITIES SHALL BE LOCATED NOT MORE THAN ONE STORY ABOVE OR BELOW THE SPACE REQUIRED TO BE PROVIDED WITH TOILET FACILITIES, AND THE PATH OF TRAVEL TO SUCH FACILITIES SHALL NOT EXCEED A DISTANCE OF 500'.
- EXCEPTIONS
  2. THE LOCATION AND MAXIMUM DISTANCE OF TRAVEL TO REQUIRED PUBLIC AND EMPLOYEE FACILITIES IN GROUP S OCCUPANCIES SHALL BE PERMITTED TO EXCEED THAT REQUIRED BY THIS SECTION, PROVIDED THAT THE LOCATION AND MAXIMUM DISTANCES OF TRAVEL ARE APPROVED.

APPROXIMATE PATH OF TRAVEL DISTANCE FROM NEW GARAGE TO EXISTING BUILDING IS 200'.

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325 W. McBee Ave Suite 300
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PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES — YORK COUNTY, SC

APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC — Greenville, South Carolina — No. 00069 — REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA — RACHEL FRANCESCA NILSOUN — Charlotte, NC — No. 37483 — REGISTERED ARCHITECT

01/28/2026

SHEET INFORMATION

Issued: 01/28/2026
Scale: As indicated
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: NAW
Checked By: AB
Drawing Title: LEVEL 1 LIFE SAFETY PLAN - OVERALL
Drawing Number: G101

3/26/2026 10:39:01 AM PROJECT FILES ON ACC

GENERAL NOTES

1. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR SECURING THE PROJECT SITE AT THE END OF EACH WORK DAY. ALL MAN AND EQUIPMENT GATES TO REMAIN CLOSED DURING THE WORK DAY, TO PREVENT PATRONS AND STAFF FROM ENTERING THE CONSTRUCTION WORK AREAS. IF TEMPORARY CONSTRUCTION FENCING IS REMOVED TO ACCESS ACTIVE WORK AREAS, IT MUST BE IMMEDIATELY RESTORED UPON COMPLETION OF WORK OR AT THE END OF THE WORK DAY.
2. THE LOCATIONS, SIZES AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED BY THE ENGINEER FROM DRAWINGS OF RECORDS AND INFORMATION FURNISHED BY THE VARIOUS UTILITIES, WITH FIELD CHECKING WHERE NECESSARY AND POSSIBLE. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND MAY BE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THIS INFORMATION VERIFIED AND LOCATED PRIOR TO CONSTRUCTION. NO CONSTRUCTION EXCAVATION, BORING, OR BLASTING SHALL BE DONE WITHOUT CERTIFICATION OF THE DEPTH AND LOCATION OF UTILITIES. CALL SOUTH CAROLINA 811 (SC811) AT 1-(888)-721-7877 AT LEAST 72 HOURS PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES, SERVICES, SEWERS AND LATERALS AHEAD OF PIPE LAYING OR OTHER WORK OPERATIONS SO THAT IF MINOR ADJUSTMENTS MUST BE MADE IN ELEVATION AND/OR ALIGNMENT, DUE TO INTERFERENCE, THESE CHANGES CAN BE MADE IN ADVANCE OF THE WORK.
4. SAFE AND CONTINUOUS THROUGH TRAFFIC AND INGRESS AND EGRESS FOR ADJACENT OWNER DRIVEWAYS, SERVICE ROADS AND PUBLIC STREETS SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
5. THE OWNER WILL OBTAIN ALL EASEMENTS OUTLINED IN THE PROJECT SPECIFICATIONS.
6. THE CONTRACTOR SHALL OBTAIN ALL PERMITS OUTLINED IN THE PROJECT SPECIFICATIONS.
7. THE CONTRACTOR SHALL LOCATE, FLAG AND PRESERVE SURVEY MONUMENTS AND PROPERTY CORNER MARKERS.
8. THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR REESTABLISH ANY PROPERTY CORNERS OR SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
9. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL TREES, FENCES AND OTHER OBSTACLES WITHIN THE ROW AND EASEMENT.
10. UTILITY POLES SHALL BE SUPPORTED, WHERE NECESSARY, AT NO ADDITIONAL COST TO THE OWNER.
11. CONTRACTOR SHALL RETAIN THE SERVICES OF A QUALIFIED TREE EXPERT TO REMOVE, WHERE NECESSARY, BRANCHES WHICH INTERFERE WITH THE CONSTRUCTION OPERATIONS, OR REPAIR TREES HAVING SUFFERED DAMAGE BY CONSTRUCTION ACTIVITIES. COST TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE CONTRACT.
12. CONTRACTOR TO PROTECT NEW OR EXISTING WORK, SHEETING OR SHORING (IF REQUIRED DURING CONSTRUCTION) AT NO EXTRA COST TO THE OWNER.
13. WHEREVER MAILBOXES, POSTS, FENCES, SHRUBBERY, ETC. ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THEY SHALL BE REMOVED AND RESET AS ORDERED BY THE ENGINEER. COST TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE CONTRACT.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF EXCAVATED MATERIAL FROM THE SITE.
15. THE CONTRACTOR SHALL CONFORM TO ALL CONDITIONS OF ANY APPLICABLE EASEMENTS OR PERMITS.
16. MATERIALS, EQUIPMENT, AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE RIGHT-OF-WAY.

GRADING NOTES

1. ALL PROPOSED SPOT ELEVATIONS ARE FINISH GRADES UNLESS OTHERWISE NOTED.
2. ALL PROPOSED SPOT ELEVATIONS AT CURB LINES ARE BOTTOM OF CURB UNLESS OTHERWISE NOTED.
3. GRADE TO DRAIN AT ALL CATCH BASINS, FIELD DRAINS, AREA DRAINS, AND INLETS.
4. FINISH GRADES SHALL SLOPE AWAY FROM ALL BUILDINGS AND STRUCTURES FOR A MINIMUM OF 10 FEET UNLESS DIRECTED TO A STORMWATER COLLECTION STRUCTURE.
5. ADJUST ALL MH RIMS, CLEAN OUTS, VALVE COVERS, HAND HOLES, AND ALL OTHER UTILITY STRUCTURES TO FINISH GRADES.
6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL FINAL GRADES, ELEVATIONS, AND INVERTS.
7. IN ALL DISTURBED AREAS THAT DO NOT CALL FOR PAVEMENT, LANDSCAPING OR OTHER SPECIFIC SURFACE FINISH, THE CONTRACTOR SHALL PLACE A MINIMUM OF 4" TOPSOIL AND GRADE TO EXISTING OR PROPOSED GRADES, AND SEED WITH LAWN GRASS.
8. IF REQUIRED ADJUST ELEVATIONS OF ALL BURIED UTILITY LINES, UNITS & DEVICES TO PROVIDE MINIMUM REQUIRED COVER FOR FINISHED GRADE ELEVATIONS (COORDINATE WITH UTILITY PROVIDERS).

STORM SEWER GENERAL NOTES:

1. ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH SCDHEC, USACE, OSHA AND YORK COUNTY REQUIREMENTS.
2. THE APPROXIMATE LOCATION OF THE PROPOSED STORM SEWER IS INDICATED ON THE PLANS, HOWEVER THE ACTUAL LOCATION WILL BE GOVERNED BY THE ACTUAL LOCATION OF THE UNDERGROUND UTILITIES OR OTHER CONTROLLING FACTORS AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION.
3. HIGHWAY DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION. THE ROADS SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
4. ALL EXISTING UTILITY LINES AND SERVICE LATERALS NEAR OR CROSSING THE NEW STORM SEWER SHALL BE PROTECTED, PRESERVED AND SUPPORTED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL INCLUDE ALL COSTS FOR STORM SEWER ABANDONMENT WORK IN THE APPROPRIATE PAYMENT ITEMS, INCLUDING ABANDONING, REMOVAL, AND PROPER DISPOSAL OF EXISTING STORM SEWER PIPES, STRUCTURES, LATERALS, AND APPURTENANCES, IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND AS SHOWN ON THE PLANS.
6. FOR AVOIDANCE OF UNRESTRICTED GROUNDWATER FLOW ALONG PIPES AND TRENCHES, INCIDENTAL MIGRATION OF SOIL PARTICLES AND POTENTIAL RESULTANT SETTLEMENT, FLOOR SLABS OF MANHOLES AND CATCH BASINS SHALL BE PLACED ON COMPACTED SELECT FILL MATERIAL FOUNDATIONS, AND COHESIVE SOIL SHALL BE USED TO BACKFILL THE SPACE BETWEEN MANHOLES/CATCH BASINS AND TRENCH SIDES. COHESIVE SOILS SHALL ALSO BE USED TO BACKFILL SEWER TRENCHES FOR DISTANCES OF AT LEAST 2 FEET AND UP TO 5 FEET UPSTREAM AND DOWNSTREAM FROM EACH STRUCTURE (MANHOLE OR CATCH BASIN), MEASURED FROM THE OUTSIDE FACE OF THE STRUCTURE.
7. IF THE NATURAL SUBSOIL CONSISTS OF COHESIVE SOIL MATERIAL, THEN THAT SOIL MAY BE USED FOR BACKFILL AS DESCRIBED PREVIOUSLY. IF IN THE OPINION OF THE ENGINEER, THE MATERIAL REMOVED FROM THE EXCAVATION IS COHESIONLESS OR GRANULAR IN CONTENT, AND IS UNABLE TO ACT AS A BARRIER TO FLOW OF WATER, THEN AN APPROVED COHESIVE SOIL SHALL BE USED.
8. COHESIVE SOILS THAT ARE PLACED TO FORM BARRIERS AT STRUCTURES SHALL BE INSTALLED IN 6-INCH LIFTS/LAYERS, AND SHALL BE COMPACTED BY MECHANICAL TAMPERS SUITABLE FOR CONDITIONS AND ABLE TO ACHIEVE 90% MODIFIED PROCTOR DENSITY.
9. THE CONTRACTOR SHALL INCLUDE THE COHESIVE SOIL STOCK PILING, LABOR, AND MATERIALS REQUIRED TO INSTALL THE COHESIVE SOIL BARRIERS IN THE MANHOLE AND CATCH BASIN PAYMENT ITEMS.

DEMOLITION NOTES

1. WHEN REMOVING PAVEMENT OR CURBS THAT ARE ADJACENT TO PAVEMENT, CURBING OR STRUCTURES THAT ARE TO REMAIN, FULL DEPTH SAW CUT THE PAVEMENT TO BE REMOVED UNLESS SEPARATED BY AN EXISTING ISOLATION JOINT.
2. PROTECT ALL UTILITIES, EXISTING DEVICES & ROAD SIGNS THAT ARE TO REMAIN.
3. STORE ON-SITE AND REUSE PARKING/BUILDING/STREET SIGNS WHEREVER POSSIBLE. REUSED SIGNS TO BE MOUNTED TO NEW SIGN POSTS. PROPERLY DISPOSE OF ALL REMAINING SIGNS AND POSTS THAT WERE NOT REUSED.
4. REMOVE & PROPERLY DISPOSE OF ALL TREES, BRUSH & DEBRIS WITHIN LIMITS OF DISTURBANCE AS DESIGNATED (CLEARING AND GRUBBING SHALL INCLUDE THE REMOVAL AND DISPOSAL OF ALL ORGANIC MATERIAL, INCLUDING STUMPS AND ROOT SYSTEMS UNDER PROPOSED PAVEMENT). ALL TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE.
5. REMOVE & STOCK PILE ON SITE ALL TOP SOIL WITHIN AREA OF DISTURBANCE FOR LATER USE. EXCESS TOPSOIL TO BE STOCKPILED AT DESIGNATED LOCATION. THE TOPSOIL PILE LOCATION SHALL BE SURROUNDED WITH SILT FENCE AND SEEDED WITH LAWN GRASS SEED MIXTURE.
6. COORDINATE WITH OWNER'S REPRESENTATIVE TO INSPECT GROUND DURING TOPSOIL REMOVAL & CLEARING AND GRUBBING PROCESS. POT HOLES RESULTING FROM TREE ROOT REMOVAL SHOULD BE BACKFILLED & COMPACTED WITH STRUCTURAL BACKFILL AS DIRECTED BY OWNER'S REPRESENTATIVE.
7. PROOF ROLL THE NEWLY EXPOSED SUBGRADE IN THE PRESENCE OF OWNER'S REPRESENTATIVE. UNDERCUT UNSUITABLE SUBGRADE AS DIRECTED BY OWNER'S REPRESENTATIVE.
8. PROTECT TREES, UTILITY POLES, GUY WIRES, POSTS, EDGE OF CONCRETE WALKS & CURB, AND ROOT SYSTEMS TO REMAIN AS NOTED, OR AS REQUIRED, FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR OR REPLACE AS NECESSARY ANY ITEM DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
9. CONTRACTOR TO TAKE PRECAUTIONS TO PROTECT EXISTING ROOTS DURING CONSTRUCTION. ROOTS SHALL BE CLEAN CUT AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
10. ALL UNDERGROUND UTILITIES AND THEIR LOCATION SHOWN HEREON ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING UTILITIES AND VERIFY THEIR LOCATIONS AND DEPTHS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS TO EXISTING UTILITIES IF DAMAGED BY WORK.
11. CONTRACTOR TO COORDINATE ALL WORK DONE RELATED TO UTILITY POLES AND OVERHEAD LINES WITH UTILITY PROVIDERS.
12. CONTRACTOR SHALL REMOVE ALL EXISTING UNDERGROUND UTILITIES DESIGNATED, AND FILL EXCAVATION AREA WITH STRUCTURAL FILL AND COMPACTED IN 4" LIFTS.
13. UNLESS OTHERWISE NOTED ON DRAWINGS, ALL PIPES AN CONDUITS TO BE ABANDONED SHALL BE CUT AND SEALED ON BOTH ENDS. ALL PIPES AND CONDUITS 4" IN DIAMETER OR LARGER SHALL ALSO BE FULLY FILLED WITH SAND OR FLOWABLE FILL.

SEDIMENT AND EROSION CONTROL NOTES

1. IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED DAILY UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:
   2.1. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   2.2. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES AS MAY BE REQUIRED TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL COVER AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. CONTRACTOR MUST IMPLEMENT AND MAINTAIN "SEASONAL" SEEDING TO ASSURE PROPER STABILIZATION AND VEGETATION, THROUGHOUT THE COURSE OF CONSTRUCTION. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY STORMWATER SYSTEMS, WATER COURSES AND WATERS OF THE STATE (WOS) OR WATERS OF THE UNITED STATES (WOU.S.).
4. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
5. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
6. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH SC REG. 72-300 SEQ. AND SCR100000.
7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
8. ALL WOS OR WOU.S., INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CANNOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS AND A 130-FOOT MINIMUM BUFFER FOR WOU.S. ONE ROW OF SILT FENCE MUST BE WIRE- BACKED. A 25-FOOT NO DISTURBANCE ZONE SHALL BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS AND A MINIMUM 50-FOOT NO DISTURBANCE ZONE FOR WOU.S. BUFFERS AND NO DISTURBANCE ZONES SHALL BE MEASURED FROM TOP OF CREEK BANK.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF SEVEN (7) CALENDAR DAYS.
11. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE AND STOCKPILE TOPSOIL FOR REUSE.
12. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMP'S (SEDIMENT BASIN, FILTER BAG, ETC.).
14. BMP MEASURES FOR CONCRETE TRUCK WASHOUT SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
   14.1. CONCRETE TRUCKS SHALL NOT TYPICALLY BE WASHED OUT ON SITE. IF CONCRETE TRUCK WASHOUT IS PERMITTED ON SITE, COORDINATE LOCATION AND BMP'S WITH SITE INSPECTOR.
   14.2. DO NOT DISPOSE OF CONCRETE TRUCK WASHOUT WASTE BY DUMPING INTO A SANITARY SEWER, STORM DRAIN OR ONTO SOIL OR PAVEMENT THAT CARRIES STORM WATER RUNOFF.
   14.3. CONCRETE TRUCK WASHOUT SHALL BE DISPOSED OF IN ACCORDANCE WITH THE FOLLOWING:
      14.3.1. DESIGNATED AREA THAT WILL LATER BE BACKFILLED (SLURRY PIT)
      14.3.2. DESIGNATED AREA WHERE CONCRETE WASH CAN HARDEN AND BE DISPOSED OF AS SOLID WASTE.
      14.3.3. LOCATION THAT IS NOT SUBJECT TO WATER RUNOFF AND MORE THAN 50 FEET AWAY FROM A STORM DRAIN, OPEN DITCH, OR RECEIVING WATER WAY.
      14.3.4. PUMP EXCESS CONCRETE IN CONCRETE PUMP BIN BACK INTO CONCRETE MIXER TRUCK.
      14.3.5. CONCRETE WASHOUT FROM CONCRETE PUMPER BINS CAN BE WASHED INTO CONCRETE PUMPER TRUCKS AND DISCHARGED INTO DESIGNATED WASHOUT AREA OR PROPERLY DISPOSED OF OFFSITE.
15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   15.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   15.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   15.3. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   15.4. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
16. ALL CHEMICAL SPILLS, OIL SPILLS, OR FISH KILLS MUST BE REPORTED TO SCDHEC LAND & WASTE MANAGEMENT EMERGENCY RESPONSE – CALL THE 24-HOUR EMERGENCY RESPONSE LINE AT 1-888-481- 0125.
17. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED FOR ALL CONSTRUCTION WORKERS AND SITE VISITORS IN ACCORDANCE WITH 2006 INTERNATIONAL PLUMBING CODE GENERAL REGULATIONS, SECTION 311 (OR CURRENT REVISION). PORTABLE FACILITIES SHALL BE PLACED ON LEVEL GROUND AND AWAY FROM STORM DRAINAGE SYSTEMS (DITCHES, CATCH BASINS, ETC.). DISPOSAL AND HANDLING OF SANITARY WASTE MUST COMPLY WITH SCDHEC REQUIREMENTS.
18. FINAL GRADES FOR GRASSED AND LANDSCAPED AREAS SHALL REQUIRE A MINIMUM 4" OF CLEAN TOP SOIL FREE OF DEBRIS AND CONTAMINANTS, AND PREFERABLY OF NATIVE ORIGIN.
19. NO MORE THAN 10,000 SF OF SOIL IS TO BE DISTURBED.

CONSTRUCTION SEQUENCING NOTES:

1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE/EXIT AT LOCATIONS DESIGNATED ON PLANS.
2. INSTALL PERIMETER SILT FENCE. INSTALL INLET PROTECTION AROUND EXISTING STRUCTURES.
3. BEGIN CLEARING AND GRUBBING OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE CONSTRUCTION IS PLANNED TO COMMENCE WITHIN 7 DAYS AFTER CLEARING AND GRUBBING.
4. STRIP TOPSOIL AND STOCKPILE IN A LOCATION ACCEPTABLE TO CONSTRUCTION MANAGER. WHEN STOCKPILE IS COMPLETE, INSTALL PERIMETER SILT FENCE AROUND STOCK PILE. SEED SURFACE WITH 100% PERENNIAL RYEGRASS MIXTURE AT A RATE OF 2-4 LBS. PER 1000 SF. APPLY 90-100 LBS PER 1000 SF OF MULCH. IF EXISTING CONDITIONS DO NOT YIELD ADEQUATE TOPSOIL, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING TOPSOIL FOR FINAL GRADES FORM A PROPERLY PERMITTED LOCATION OR SOD MAY BE UTILIZED TO SUPPLEMENT.
5. COMMENCE EARTHWORK CUT AND FILLS. THE WORK SHALL BE PROGRESSED TO ALLOW A REASONABLE TRANSFER OF CUT AND FILL EARTH FOR ROUGH GRADING AND EARTH MOVING. THE CONTRACTOR WILL BE GIVEN SOME LATITUDE TO VARY FROM THE FOLLOWING SCHEDULE IN ORDER TO MEET THE FIELD CONDITIONS ENCOUNTERED.
6. STABILIZE ALL AREAS AS SOON AS PRACTICABLE THAT WILL BE IDLE IN EXCESS OF 7 DAYS AND IN WHICH CONSTRUCTION WILL NOT COMMENCE WITH 14 DAYS.
7. FOLLOWING ROUGH GRADING, COMPLETE DEMOLITION SCOPE AS INDICATED ON THE CONTRACT DRAWINGS. DEMOLITION OF EXISTING STORM SEWER MUST BE COORDINATED AND SEQUENCED WITH THE INSTALLATION OF THE NEW STORM SEWER TO LIMIT ANY TEMPORARY SHUT-DOWNS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY NECESSARY BY-PASS PUMPING REQUIRED DURING THE SWITCHOVER
8. UTILITY INSTALLATION SHOULD BEGIN. TRENCH EXCAVATION/BACKFILL AREAS SHOULD BE STABILIZED PROGRESSIVELY AT THE END OF EACH WORKDAY WITH SEED AND STRAW MULCH AT A RATE OF 100% PERENNIAL RYE GRASS AT 2-4 LBS/1000 SF MULCHED AT 90-100 LBS/1000 SF.
9. CONSTRUCT ALL CURB INLETS, AREA INLETS, AND STORM SEWER MANHOLES, AS SHOWN ON THE PLANS.
10. INSTALL INLET/OUTLET PROTECTION AT THE LOCATIONS OF ALL GRADE INLETS, CURB INLETS, AND AT THE ENDS OF ALL EXPOSED STORM SEWER PIPES PRIOR TO FINAL PAVING.
11. FINISH GRADE AND PAVEMENT SUBGRADE PREPARATION.
12. AS LANDSCAPED AREAS ARE BROUGHT TO GRADE, STABILIZE WITH TOPSOIL, SEEDING AND MULCHING PER SPECIFICATIONS.
13. ASPHALT PAVING AND CONCRETE WORK.
14. REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION (THESE AREAS ARE TO BE PAVED LAST).
15. INSTALL OR CONVERT ANY APPLICABLE TEMPORARY BMP'S TO POST-CONSTRUCTION CONFIGURATION SUCH AS: DETENTION BASIN OR RETENTION POND OUTLET STRUCTURE, RESTORATION OF DETENTION BASIN/RETENTION POND BOTTOM (SEDIMENT DEPOSITION REMOVAL), INSTALLATION OF CATCH BASIN INSERTS, FINAL STABILIZATION, ETC.

SURVEY SYMBOL LEGEND

BASKETBALL HOOP · BOULDER · BASELINE STATION · BENCHMARK · BOLLARD · BORING · CATCH BASIN SQUARE · CATCH BASIN ROUND · CLEANOUT · CURB STOP · CATV BOX · DROP INLET · DRILL HOLE · DRY HYDRANT · ELECTRIC BOX · ELECTRIC MANHOLE · FLARED END SECTION · FIBER OPTIC BOX · FILL CAP · FLAGPOLE · GAS METER · GAS LINE MARKER · GUY ANCHOR WIRE · GUY ANCHOR POLE · GAS VALVE · HAND HOLE · FIRE HYDRANT · INLET MANHOLE · IRON PIN · LIGHT POLE 1 · LIGHT POLE 2 · LAMP POST · MAIL BOX · MONUMENT · PULL BOX · PEDESTRIAN SIGNAL POLE · POST · UTILITY POLE · SANITARY MANHOLE · SANITARY VALVE · SATELLITE DISH · SIGN POST · DOUBLE SIGN POST · SIGN DOUBLE POST · DOUBLE SIGN AND POST · STREET SIGN (4-WAY) · DECIDUOUS SHRUB · EVERGREEN SHRUB · SPIGOT · SPRINKLER HEAD · DRAINAGE (STORM) MANHOLE · STUMP · TELEPHONE BOX · TELEPHONE MANHOLE · DECIDUOUS TREE · CONIFEROUS TREE · TEST PIT · UTILITY BOX · WELL · WETLAND FLAG · WATER METER · WATER MANHOLE · WOOD POST SQUARE · WOOD POST ROUND · WATER VALVE · YARD INLET SQUARE · YARD INLET ROUND · MANHOLE GENERIC · MONITOR WELL

SURVEY LINETYPE LEGEND

EXISTING DITCH · EASEMENTS · FENCE · STONE WALL · PARCEL LINE · PARCEL BOUNDARY LOTS · PARCEL SETBACK · RAILROAD TRACKS · ROADWAY CENTERLINE · ROADWAY GUIDERAIL · CONTOUR MAJOR · CONTOUR MINOR · WATERBODY EDGE · WETLAND · OVERHEAD CABLE TV · OVERHEAD ELECTRIC · OVERHEAD TELEPHONE · UNDERGROUND CABLE TV · UNDERGROUND ELECTRIC · UNDERGROUND FUEL SYSTEMS · UNDERGROUND NATURAL GAS · UNDERGROUND SANITARY SEWER · UNDERGROUND SANITARY FORCE MAIN · UNDERGROUND STEAM TRANSMISSION · UNDERGROUND STORM SEWER · UNDERGROUND TELEPHONE · UNDERGROUND WATER SUPPLY · ABANDONED UNDERGROUND CABLE TV · ABANDONED UNDERGROUND ELECTRIC · ABANDONED UNDERGROUND FUEL SYSTEMS · ABANDONED UNDERGROUND NATURAL GAS · ABANDONED UNDERGROUND SANITARY SEWER · ABANDONED UNDERGROUND SANITARY FORCE MAIN · ABANDONED UNDERGROUND STORM SEWER · ABANDONED UNDERGROUND TELEPHONE · ABANDONED UNDERGROUND WATER SUPPLY

DESIGN SYMBOL LEGEND

ANCHOR · BOLLARD · ELEC. BOX · ELEC. GUY ANCHOR · ELEC. GUY POLE · ELEC. LIGHT POLE · ELEC. MANHOLE · ELEC. POWER POLE · ELEC. SPORT LIGHT · GAS VALVE · FENCE GATE 1 · FENCE GATE 2 · GEO. BORE HOLE · GEO. TEST PIT · SAN. CLEANOUT · SAN. MANHOLE · SHRUB DECIDUOUS · SHRUB EVERGREEN · SIGN POST · DOUBLE SIGN POST · SIGN DOUBLE POST · DOUBLE SIGN & POST · STRM. CB REC. · STRM. CB ROUND · STRM. CB SQUARE · STRM. CLEANOUT · STRM. END SECT. · STRM. MANHOLE · STRP. ADA · STRP. BIKE · STRP. LEFT · STRP. LEFT-THRU · STRP. ONLY · STRP. RIGHT · STRP. RIGHT-THRU · STRP. SCHOOL · STRP. STOP · STRP. THRU · TREE CONIFEROUS · TREE DECIDUOUS · WATER HYDRANT · WATER SHUT OFF · WATER SAMPLE TAP · WATER WELL · WATER VALVE

DESIGN LINETYPE LEGEND

PROPOSED PROJECT LIMIT LINE · ALIGNMENT CENTERLINE · DITCH · SILTFENCE · EASEMENTS · BARB WIRE FENCE · CHAIN LINK FENCE · STOCKADE FENCE · STONE WALL · PARCEL LINE · PARCEL SETBACK · RAILROAD TRACKS · ROADWAY GUIDERAIL · WATERBODY EDGE · WETLAND · OVERHEAD CABLE TV · OVERHEAD ELECTRIC · OVERHEAD TELEPHONE · UNDERGROUND CABLE TV · UNDERGROUND ELECTRIC · UNDERGROUND FUEL SYSTEMS · UNDERGROUND NATURAG GAS · UNDERGROUND SANITARY SEWER · UNDERGROUND SANITARY FORCE MAIN · UNDERGROUND STEAM TRANSMISSION · UNDERGROUND STORM SEWER · UNDERGROUND TELEPHONE · UNDERGROUND WATER SUPPLY

DEMOLITION LEGEND

AREA DEMOLITION HATCH 1 · AREA DEMOLITION HATCH 2 · AREA DEMOLITION HATCH 3 · OBJECT DEMOLITION "X" · OBJECT DEMOLITION LINE

CPL | Architecture Engineering Planning
325 W. McBee Avenue, Suite 300
Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number: R25.18915.00

Client Name: **YORK COUNTY**

Project Name: **LESSLIE FD STATION #2 GARAGE**

Project Address: 2711 RESERVATION RD, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA · CPL Architects, Engineers, Landscape Architects, Surveyors, DPC · Greenville, South Carolina · No. 00069 · REGISTERED ARCHITECTS

01/28/2026

SHEET INFORMATION

Issued	Scale
01/28/2026	AS NOTED

Project Status: CONSTRUCTION DOCUMENTS
Drawn By: JEN · Checked By: JCB
Drawing Title: GENERAL NOTES & LEGEND

Drawing Number: C001

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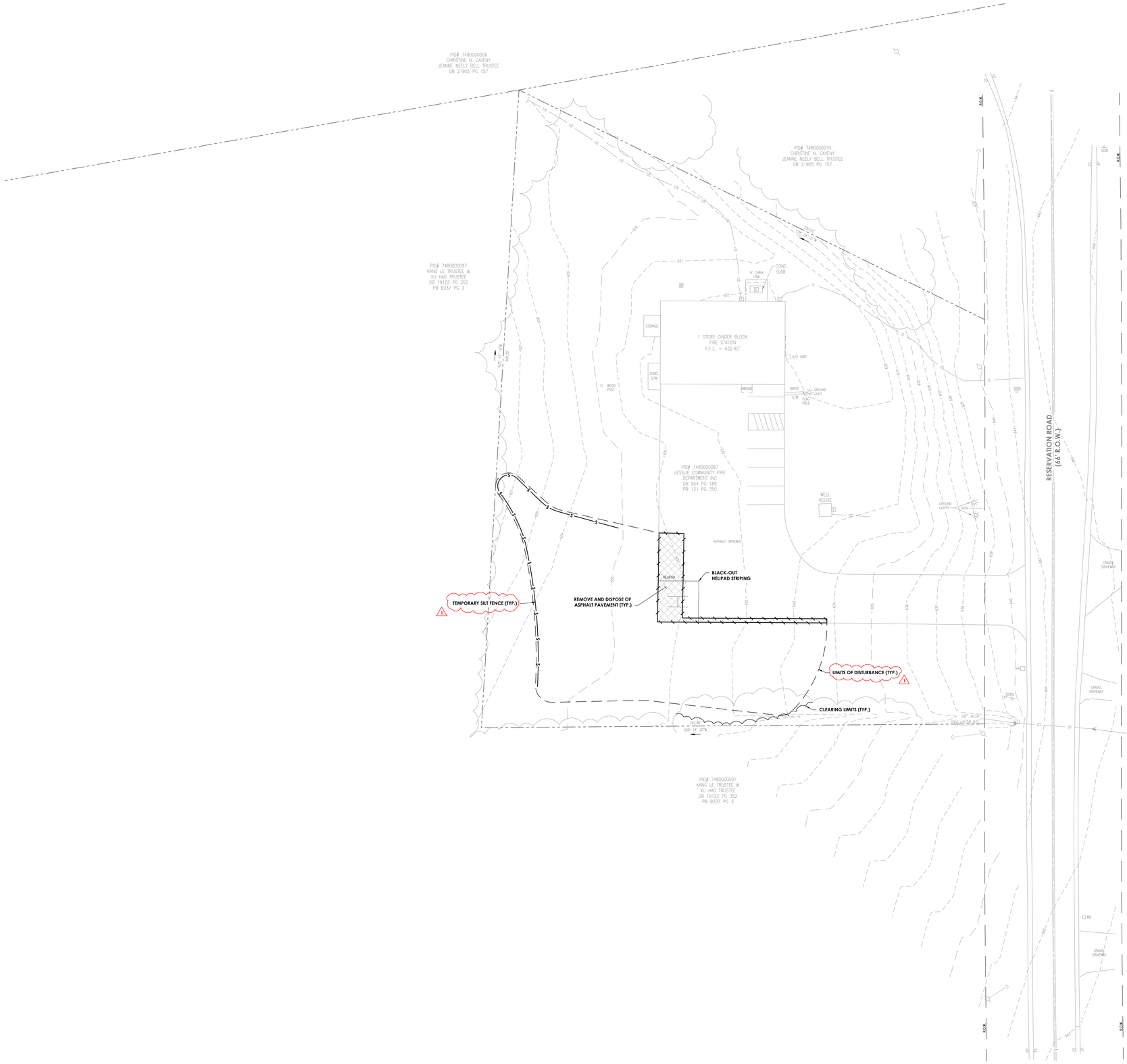

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Date last plotted: 3/18/2026 1:09 PM
Date last accessed: 3/18/2026 12:33 PM

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325 W. McBee Avenue, Suite 300
Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number
P25.1891500.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 RESERVATION RD, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/20/2026	REVISION 1

PLANNING & DEVELOPMENT SERVICES
YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

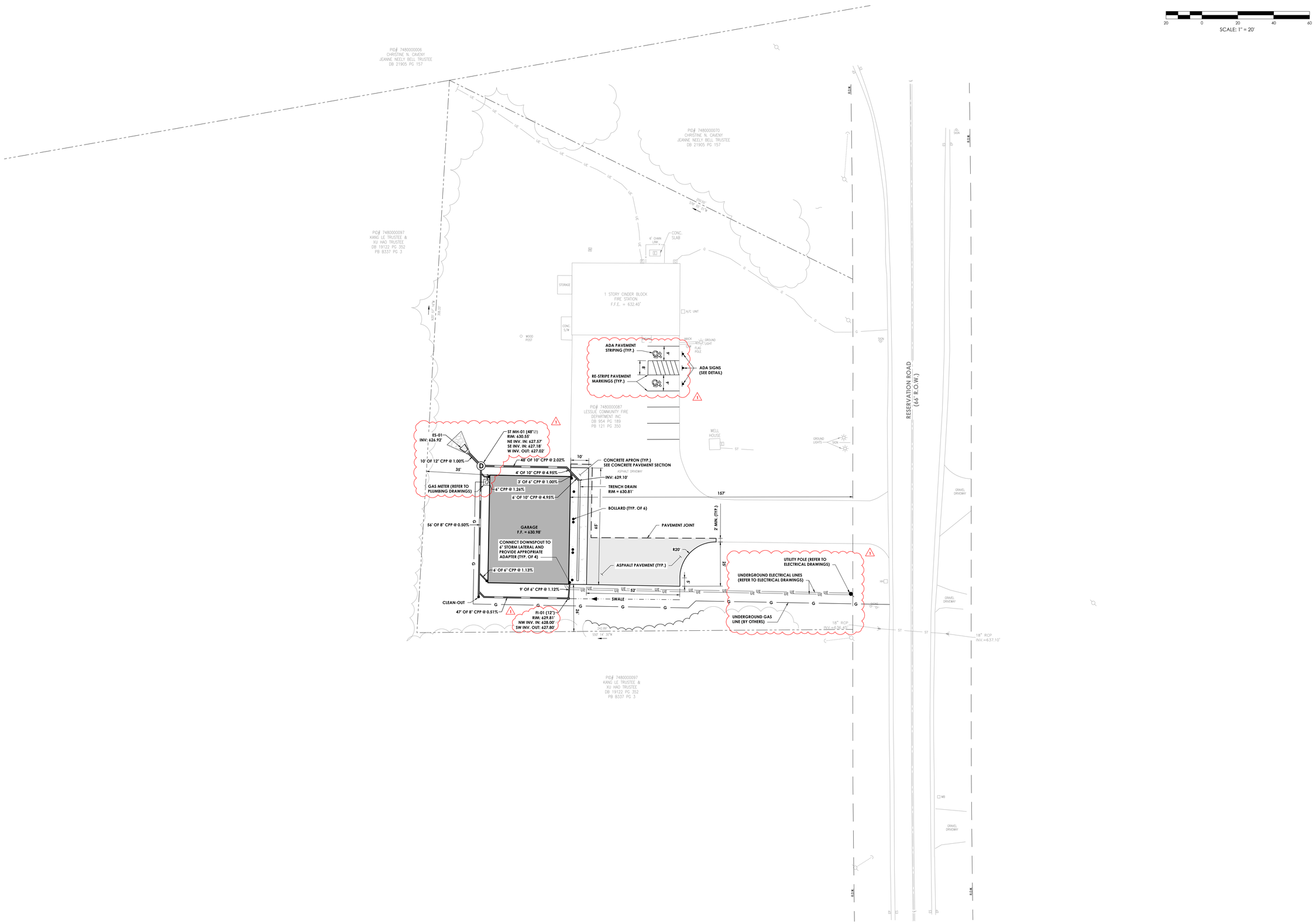
STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

01/28/2026

SHEET INFORMATION

Issued: 01/28/2026
Scale: 1" = 20'
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: JEN
Checked By: JCB
Drawing Title: DEMOLITION PLAN

Drawing Number
C100



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Greenville, SC 29601
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PROJECT INFORMATION

Project Number
R25.189115.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 RESERVATION RD, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/20/2026	REVISION 1

PLANNING & DEVELOPMENT SERVICES
YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

01/28/2026

SHEET INFORMATION

Issued	Scale
01/28/2026	1" = 20'

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
JEN	JCB

Drawing Title
SITE UTILITY PLAN

Drawing Number
C200

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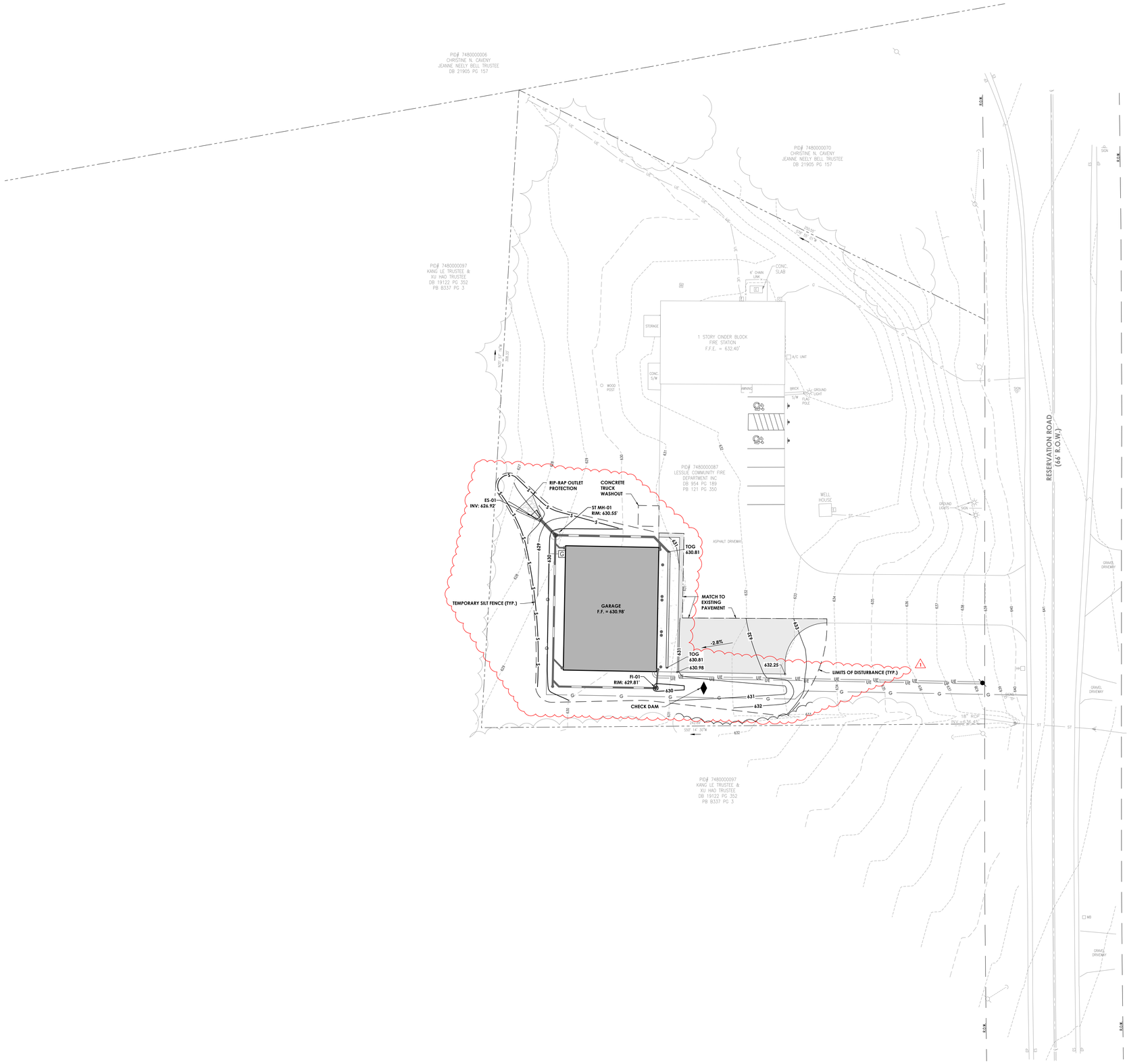

SCALE: 1" = 20'

CPL | Architecture Engineering Planning
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Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 RESERVATION RD, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/20/2026	REVISION 1

PLANNING & DEVELOPMENT SERVICES
YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

01/28/2026

SHEET INFORMATION

Issued	Scale
01/28/2026	1" = 20'

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
JEN	JCB

Drawing Title
GRADING & EROSION CONTROL PLAN

Drawing Number
C210

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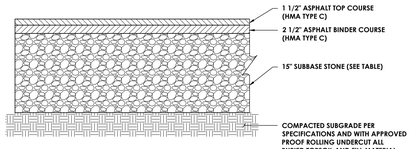
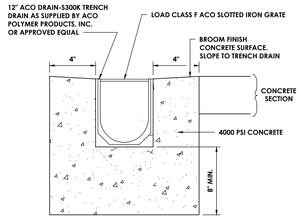
Plotted By: Jonathon Nickles

SUBBASE STONE	
SIEVE SIZE	PERCENT PASSING
1 INCH	100
1/4 INCH	35 TO 60
#40	10 TO 25
#200	5 TO 10

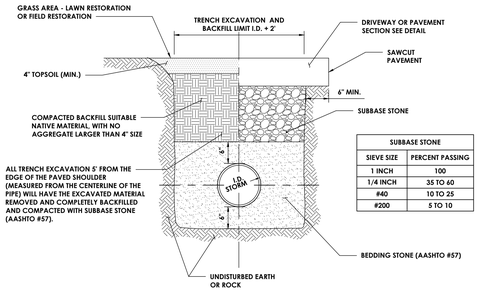


ASPHALT PAVEMENT SECTION
N.T.S.



TRENCH DRAIN
N.T.S.

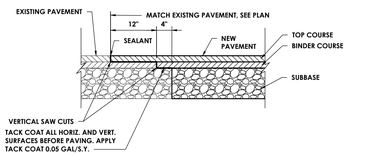
NOTES:
1. INSTALL TRENCH DRAIN AND GRATE PER MANUFACTURER'S RECOMMENDATIONS.



SUBBASE STONE	
SIEVE SIZE	PERCENT PASSING
1 INCH	100
1/4 INCH	35 TO 60
#40	10 TO 25
#200	5 TO 10

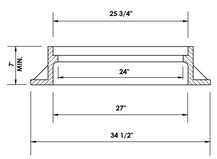
NOTES:
1. CONTRACTOR TO PROVIDE SAFE EXCAVATION; SLOPE TRENCH WALLS, USE TRENCH BOX, OR SHEETING & BRACING PER OSHA SPECIFICATIONS. TRENCH BOX OR SHEETING AND BRACING TO BE LIFTED ABOVE THE SPRING LINE OR PIPE BEFORE BACKFILLING ABOVE SPRING LINE.
2. PAVEMENT BACKFILL AND RESTORATION REQUIREMENTS SHALL APPLY TO WORK PERFORMED UNDER PROPOSED ROADWAYS.
3. ALL WORK FOR STORM SEWER TRENCHING SHALL BE INCLUDED. THIS WORK INCLUDES, BUT IS NOT LIMITED TO TRENCHING, EXCAVATION AND ALL BACKFILL. NO ADDITIONAL PAYMENTS WILL BE MADE FOR BACKFILL.

STORM SEWER TRENCH
N.T.S.



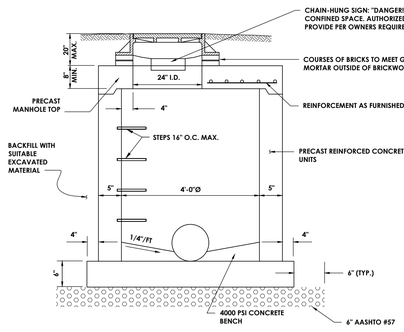
NOTES:
1. PAVEMENT COURSES TO MATCH EXISTING IN DEPTH FOR WIDTH OF SHEAR STEP AND SHALL TRANSITION TO THE APPROPRIATE ASPHALT COURSE DEPTHS AND TYPES AS SPECIFIED.
2. EXISTING PAVEMENT SHALL BE SAW CUT TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING. FINAL SAW CUT SHALL BE MADE PRIOR TO PAVING AND AFTER SUBBASE STONE IS PLACED.

PAVEMENT JOINT
N.T.S.



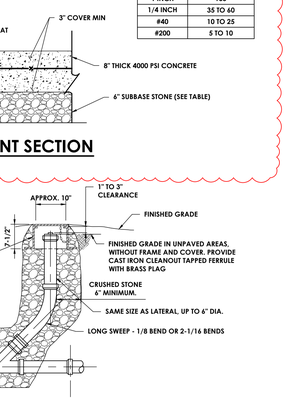
NOTES:
1. MANHOLE STEPS ARE REQUIRED FOR ANY STRUCTURE DEEPER THAN 4 FT.
2. MANHOLE TOP SLABS, FRAMES AND COVERS SHALL BE DESIGNED FOR USE UNDER ANY H - 20 LOADING.
3. MANHOLE FRAME AND GRATE/COVER TO BE: INLET M.H.: NEENAH MODEL R-2556 OR APPROVED EQUAL. SOLID M.H.: NEENAH MODEL R-1642 TYPE F OR APPROVED EQUAL.

MANHOLE FRAME



MANHOLE SECTION

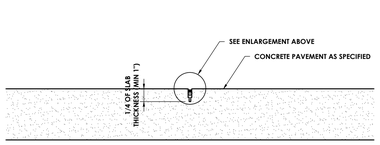
STORM SEWER MANHOLE
N.T.S.



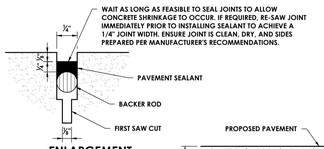
SUBBASE STONE	
SIEVE SIZE	PERCENT PASSING
1 INCH	100
1/4 INCH	35 TO 60
#40	10 TO 25
#200	5 TO 10

CONCRETE PAVEMENT SECTION
N.T.S.

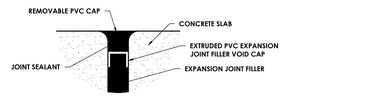
SEWER CLEAN-OUT
N.T.S.



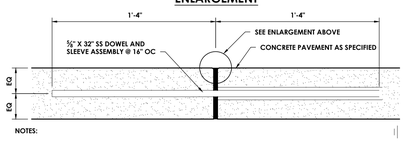
CONTRACTION/SAW JOINT



ENLARGEMENT

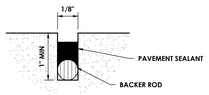


ENLARGEMENT



NOTES:
1. EXPANSION JOINTS AND ISOLATION JOINTS SHALL BE LOCATED WHERE SHOWN ON THE LAYOUT PLAN.
2. ISOLATION JOINTS SHALL NOT INCLUDE THE DOWEL AND SLEEVE ASSEMBLY.
3. ISOLATION JOINTS SHALL BE PROVIDED WHERE THE CONCRETE PAVEMENT ABUTS A RIGID STRUCTURE.
4. EXPANSION AND ISOLATION JOINTS SHALL BE ½" WIDE AND FILLED WITH A RESILIENT PREMOLDED NON-EXTRUDING FIBER EXPANSION JOINT FILLER, RECESSED AND SEALED. RECESS FORMED WITH EXTRUDED PVC CAP WITH REMOVABLE TOP TO RECEIVE JOINT SEALANT. COLOR TO MATCH CONCRETE.

EXPANSION/ISOLATION JOINT

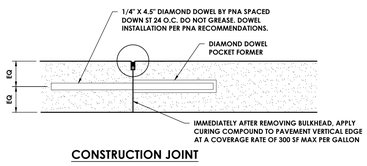


ENLARGEMENT

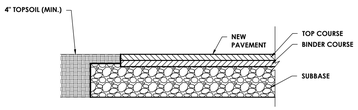
BUTT JOINT

NOTES:
1. ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
2. INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
3. INSTALL BACKER ROD AT CONSISTENT AND UNIFORM DEPTH.
4. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUESTS.

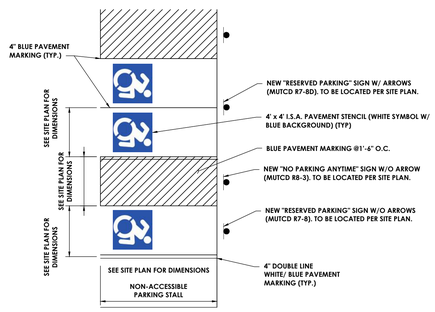
CONCRETE PAVEMENT JOINTS
N.T.S.



CONSTRUCTION JOINT



PAVEMENT EDGE
N.T.S.



TYPICAL ACCESSIBLE PARKING STRIPING
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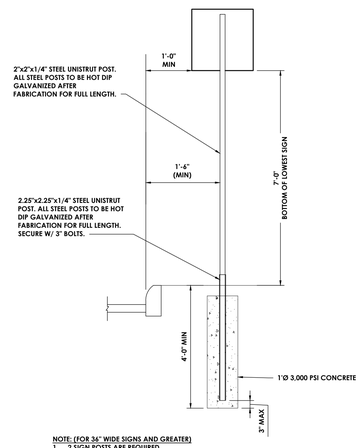
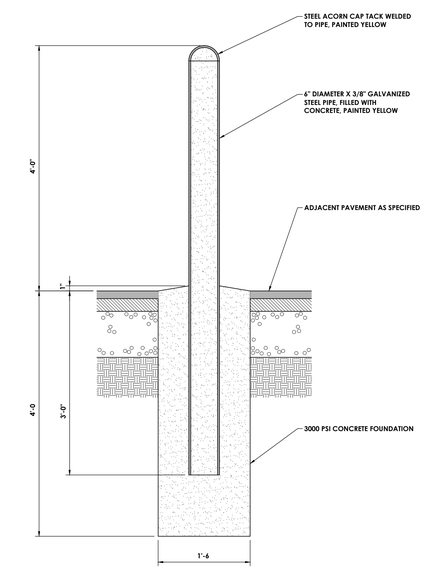
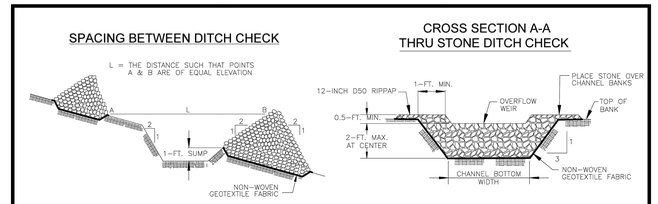


NOTE: (FOR 36" WIDE SIGNS AND GREATER)
1. 2 SIGN POSTS ARE REQUIRED
2. POSTS WILL BE CENTERED AND SPACED AT 20" C-C

TYPICAL SIGN POST
N.T.S.



BOLLARD
N.T.S.



South Carolina Department of Health and Environmental Control

ROCK DITCH CHECK

STANDARD DRAWING NO. SC-04 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

ROCK DITCH CHECK – GENERAL NOTES

1. Rock Ditch Checks should not be placed in Waters of the State or USGS blue-line streams (unless approved by Federal Authorities).
2. Rock Ditch Checks should be installed in steeply sloped channels where adequate vegetation cannot be established. This BMP measure should only be used in small open channels.
3. A non-woven geotextile fabric shall be installed over the soil surface where the rock ditch check is to be placed.
4. The body of the rock ditch check shall be composed of 12-inch D50 Riprap. The upstream face may be composed of 1-inch D50 washed stone.
5. Rock Ditch Checks should not exceed a height of 2-feet at the centerline of the channel.
6. Rock Ditch Checks should have a minimum top flow length of 2-feet.
7. Riprap should be placed over channel banks to prevent water from cutting around the ditch check.
8. The riprap should be placed by hand or mechanical placement (no dumping of rock to form dam) to achieve complete coverage of the channel. Doing so will also ensure that the center of the check is lower than the edges.
9. The maximum spacing between the dams should be such that the toe of the upstream check is at the same elevation as the top of the downstream check.

ROCK DITCH CHECK – INSPECTION & MAINTENANCE

1. The key to functional rock ditch check is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of rock ditch checks shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations in front of the rock ditch check is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the rock ditch check.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Inspect Rock Ditch Checks' edges for erosion and evidence of runoff bypassing the installed check. If evident repair promptly as necessary to prevent erosion and bypassing.
7. In the case of grass-lined ditches, channels, and swales, rock ditch checks should be removed when the grass has matured sufficiently to protect the ditch or swale unless the slope of the swale is greater than 4%.
8. After construction is completed and final stabilization is reached, the entirety of the rock ditch check should be removed if vegetation will be used for permanent erosion control measures. The area beneath the removed rock ditch check must be addressed with permanent stabilization measures.

South Carolina Department of Health and Environmental Control

ROCK DITCH CHECK

STANDARD DRAWING NO. SC-04 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

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Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 RESERVATION RD, ROCK HILL SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/20/2026	REVISION 1

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA — REGISTERED ARCHITECTS — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC, Greenville, South Carolina, No. 00069

01/28/2026

SHEET INFORMATION

Issued	Scale
01/28/2026	AS NOTED

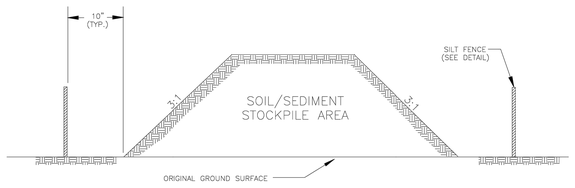
Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
JEN	JCB

Drawing Title
SITE DETAILS

Drawing Number
C800

TEMPORARY STOCKPILE AREA



NOTES:

1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOP THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN–GRADIENT AREA.
2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

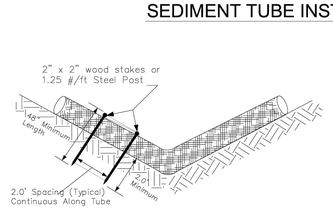
South Carolina Department of Health and Environmental Control

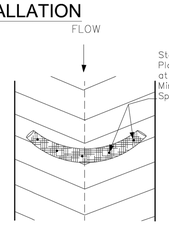
TEMPORARY STOCKPILE

STANDARD DRAWING NO. SC–15 PAGE 1 of 1

NOT TO SCALE FEBRUARY 2014 DATE

SEDIMENT TUBE INSTALLATION





SEDIMENT TUBE SPACING

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150–FEET
2%	100–FEET
3%	75–FEET
4%	50–FEET
5%	40–FEET
6%	30–FEET
GREATER THAN 6%	25–FEET

PLAN SYMBOL

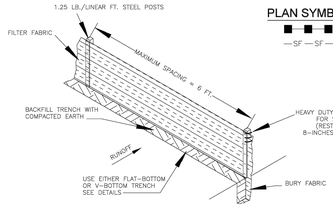
South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

STANDARD DRAWING NO. SC–05 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

SILT FENCE INSTALLATION



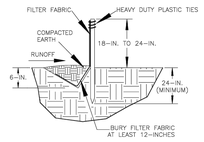
PLAN SYMBOL

SILT FENCE – GENERAL NOTES

1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
2. Maximum sheet or overland flow path length to the silt fence shall be 100–feet.
3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
4. Silt fence joints, when necessary, shall be completed by one of the following options:
   - Wrap each fabric together at a support post with both ends fastened to the post, with a 1–foot minimum overlap;
   - Overlap silt fence by installing 3–feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy–duty plastic ties; or,
   - Overlap entire width of each silt fence roll from one support post to the next support post.
5. Attach filter fabric to the steel posts using heavy–duty plastic ties that are evenly spaced within the top 8–inches of the fabric.
6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
7. Install Silt Fence Checks (Tie–Backs) every 50–100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

FLAT–BOTTOM TRENCH DETAIL

V–SHAPED TRENCH DETAIL



South Carolina Department of Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC–03 Page 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

CONSTRUCTION ENTRANCE – GENERAL NOTES

1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
2. Install a non–woven geotextile fabric prior to placing any stone.
3. Install a culvert pipe across the entrance when needed to provide positive drainage.
4. The entrance shall consist of 2–inch to 3–inch 050 stone placed at a minimum depth of 6–inches.
5. Minimum dimensions of the entrance shall be 24–feet wide by 100–feet long, and may be modified as necessary to accommodate site constraints.
6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.
7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
8. Limestone may not be used for the stone pad.

CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
4. Reshape the stone pad as necessary for drainage and runoff control.
5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off–site by vehicles. Frequent washing will extend the useful life of stone pad.
6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
7. During maintenance activities, any broken pavement should be repaired immediately.
8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post–construction.

South Carolina Department of Health and Environmental Control

CONSTRUCTION ENTRANCE

STANDARD DRAWING NO. SC–06 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

SEDIMENT TUBES – GENERAL NOTES

1. Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off–site discharge of sediment–laden stormwater runoff.
2. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch–filled sediment tubes are not permitted.
3. The outer netting of the sediment tube should consist of seamless, high–density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high–density polyethylene non–degradable material.
4. Sediment tubes, when used as checks within channels, should range between 18–inches and 24–inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.
5. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
6. Sediment tubes should be staked using wooden stakes (2–inch X 2–inch) or steel posts (standard "U" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48–inches in length placed on 2–foot centers.
7. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
8. The ends of adjacent sediment tubes should be overlapped 6–inches to prevent flow and sediment from passing through the field joint.
9. Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.
10. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
11. Sediment tubes should continue up the side slopes a minimum of 1–foot above the design flow depth of the channel.
12. Install stakes at a diagonal facing incoming runoff.

SEDIMENT TUBES – INSPECTION & MAINTENANCE

1. The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the sediment tube.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Large debris, trash, and leaves should be removed from in front of tubes when found.
7. If erosion causes the edges to fall to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tube.
8. Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.

South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

STANDARD DRAWING NO. SC–05 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

SILT FENCE – POST REQUIREMENTS

1. Silt Fence posts must be 48–inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38–inches and a nominal "T" length of 1.48–inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17–square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
4. Install posts to a minimum of 24–inches. A minimum height of 1– to 2–inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
5. Post spacing shall be at a maximum of 6–feet on center.

SILT FENCE – FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
   - Free of any treatment or coating which might adversely alter its physical properties after installation;
   - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
   - Have a minimum width of 36–inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12–inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24–inches above the ground.

SILT FENCE – INSPECTION & MAINTENANCE

1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie–backs and/or reinstall silt fence, as necessary.
7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence immediately.
8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

South Carolina Department of Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC–03 PAGE 2 of 2

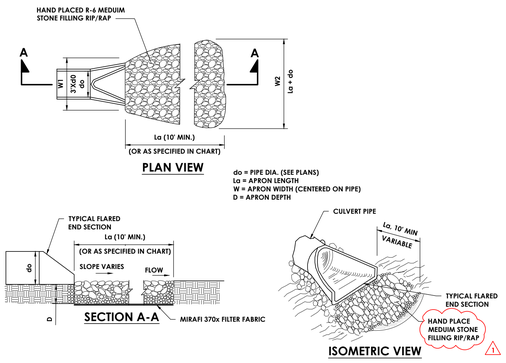
GENERAL NOTES FEBRUARY 2014 DATE

Temporary Seeding - Upstate

Species	lbs./ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browntop Millet (Alone)	40												
Browntop Millet (Mix)	10												
Rye Grain (Alone)	56												
Rye Grain (Mix)	10												
Rye Grass (Alone)	50												
Rye Grass (Mix)	8												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												

Permanent Seeding - Upstate

Species	Lbs/Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bahia Grass (Alone)	40												
Bahia Grass (Mix)	30												
Bermuda Grass (hulled) (Alone)	8-12												
Bermuda Grass (hulled) (Mix)	4-6												
Fescue, Tall (KY31) Alone	40												
Fescue, Tall (KY31) mix	20												
Sericea Lespedeza (Scarified) Alone or Mix (inoculate with EL Innoculant	40												
Ladino Clover (mix only) Innoculate with AB Innoculant	2												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Crownvetch (Mix) (Inoculate with Type M Innoculant	8-10												



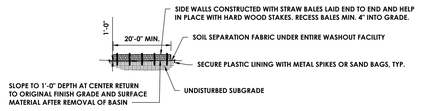
RIP RAP SIZING CHART

PIPE DIA.	W1 - MINIMUM	W2 - MINIMUM	La - MINIMUM	D - MINIMUM
12"	3'	11'	10'	13.5"
18"	4.5'	11.5'	10'	13.5"
24"	6'	12'	10'	13.5"
30"	7.5'	12.5'	10'	13.5"
36"	9'	13'	10'	13.5"

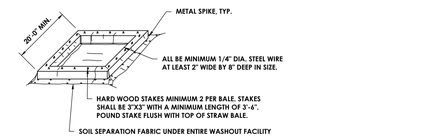
NOTES:
1. d = 1.5 TIMES THE MAXIMUM STONE BUT NO LESS THAN 6".
2. INSTALL FILTER MIRAFI 370x OR APPROVED EQUAL FILTER FABRIC BETWEEN RIP-RAP AND SUBGRADE.

RIP-RAP OUTLET PROTECTION DETAIL

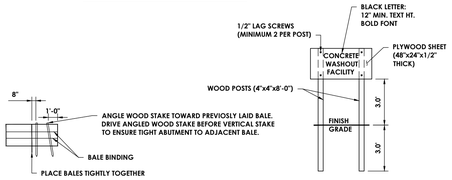
N.T.S.



PROFILE OF FACILITY



ISOMETRIC VIEW OF FACILITY



CONCRETE TRUCK WASHOUT

N.T.S.

CPL | Architecture Engineering Planning
325 W. McBee Avenue, Suite 300
Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 RESERVATION RD, ROCK HILL SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/20/2026	REVISION 1

PLANNING & DEVELOPMENT SERVICES
YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

01/28/2026

SHEET INFORMATION

Issued	Scale
01/28/2026	AS NOTED
Project Status	
CONSTRUCTION DOCUMENTS	
Drawn By	Checked By
JEN	JCB

Drawing File
SEDIMENT & EROSION CONTROL DETAILS

Drawing Number
C801

Plotted By: Jonathan Nickas
Date last plotted: 3/18/2026 1:10 PM
Date last accessed: 3/18/2026 12:31 PM
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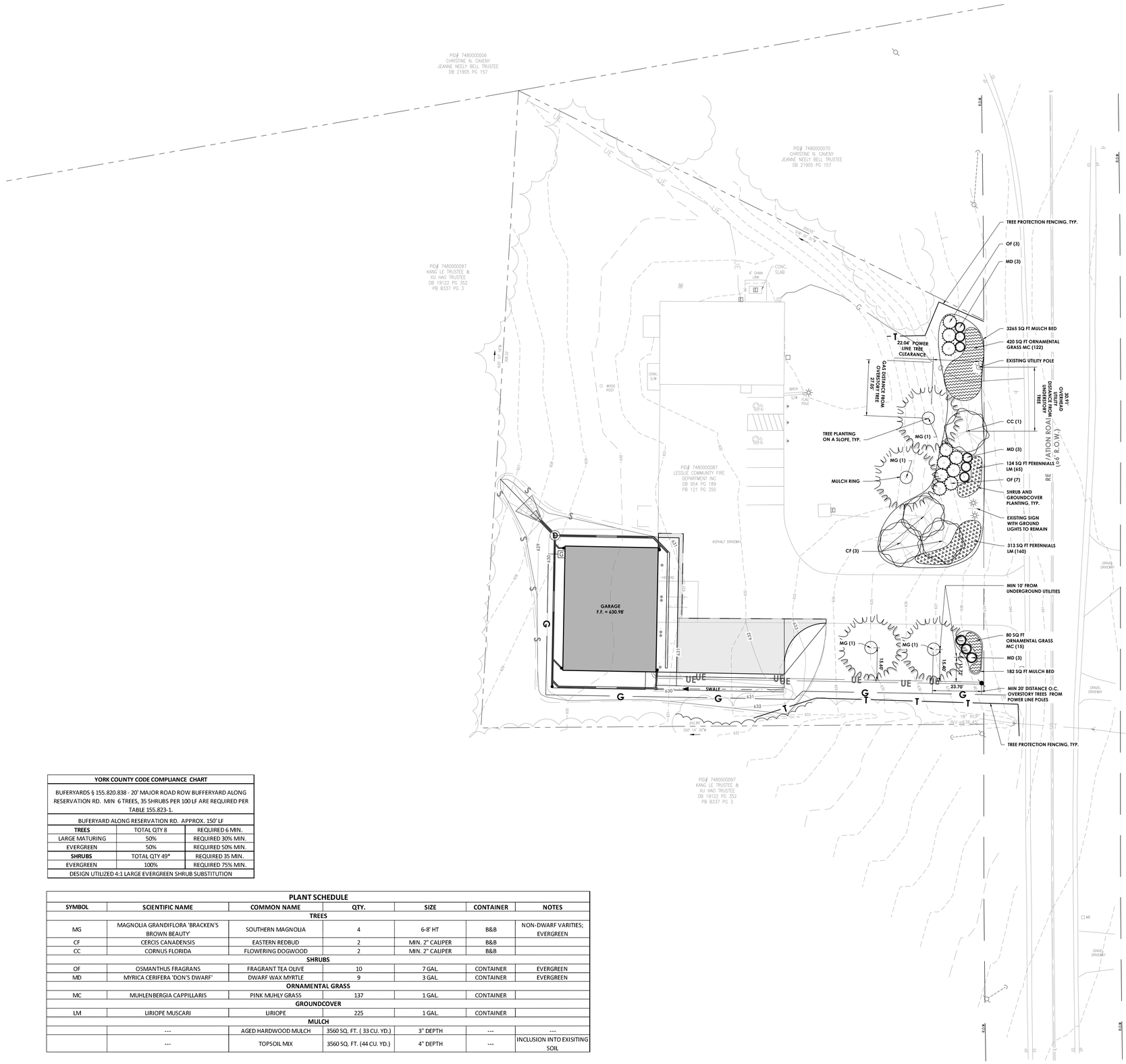

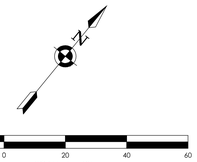

LEGEND

- LARGE TREE, TYP.
- SMALL TREE, TYP.
- SHRUB, TYP.
- ORNAMENTAL GRASS
- GROUNDCOVER, TYP.
- —— T —— TREE PROTECTION FENCE, TYP.

NOTE:

1. ALL TREES NOT CLASSIFIED AS SMALL MATURING MUST BE PLANTED A MINIMUM OF 20' ON CENTER FROM THE NEAREST EDGE OF OVERHEAD POWER LINE POLES.
2. ONLY SMALL-MATURING TREES MAY BE PLANTED UNDERNEATH OVERHEAD POWER LINES OR WITHIN 20' ON CENTER OF THE NEAREST EDGE OF A POWER LINE POLE.
3. REFER TO 800 FOR ADDTIONAL PLANTING INFORMATION AND SPECIFICATIONS.

YORK COUNTY CODE COMPLIANCE CHART		
BUFERYARDS § 155.820.838 - 20' MAJOR ROAD ROW BUFFERYARD ALONG RESERVATION RD. MIN 6 TREES, 35 SHRUBS PER 100 LF ARE REQUIRED PER TABLE 155.823-1.		
BUFERYARD ALONG RESERVATION RD. APPROX. 150' LF		
TREES	TOTAL QTY 8	REQUIRED 6 MIN.
LARGE MATURING	50%	REQUIRED 30% MIN.
EVERGREEN	50%	REQUIRED 50% MIN.
SHRUBS	TOTAL QTY 49*	REQUIRED 35 MIN.
EVERGREEN	100%	REQUIRED 75% MIN.
DESIGN UTILIZED 4:1 LARGE EVERGREEN SHRUB SUBSTITUTION		

PLANT SCHEDULE						
SYMBOL	**SCIENTIFIC NAME**	**COMMON NAME**	**QTY.**	**SIZE**	**CONTAINER**	**NOTES**
TREES						
MG	MAGNOLIA GRANDIFLORA 'BRACKEN'S BROWN BEAUTY'	SOUTHERN MAGNOLIA	4	6-8' HT	B&B	NON-DWARF VARITIES; EVERGREEN
CF	CERCIS CANADENSIS	EASTERN REDBUD	2	MIN. 2" CALIPER	B&B	
CC	CORNUS FLORIDA	FLOWERING DOGWOOD	2	MIN. 2" CALIPER	B&B	
SHRUBS						
OF	OSMANTHUS FRAGRANS	FRAGRANT TEA OLIVE	10	7 GAL.	CONTAINER	EVERGREEN
MD	MYRICA CERIFERA 'DON'S DWARF'	DWARF WAX MYRTLE	9	3 GAL.	CONTAINER	EVERGREEN
ORNAMENTAL GRASS						
MC	MUHLENBERGIA CAPPILLARIS	PINK MUHLY GRASS	137	1 GAL.	CONTAINER	
GROUNDCOVER						
LM	LIRIOPE MUSCARI	LIRIOPE	225	1 GAL.	CONTAINER	
MULCH						
	---	AGED HARDWOOD MULCH	3560 SQ. FT. (33 CU. YD.)	3" DEPTH	---	---
	---	TOPSOIL MIX	3560 SQ. FT. (44 CU. YD.)	4" DEPTH	---	INCLUSION INTO EXISITING SOIL

CPL | Architecture Engineering Planning
325 W. McBee Avenue, Suite 300
Greenville, SC 29601
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STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

South Carolina
Landscape Architect
No.1636

SHEET INFORMATION

Issued	Scale
01/28/2026	1" = 20'

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
CPL	CPL

Drawing Title
LANDSCAPE PLAN

Drawing Number
L101

Sheet size: 30x42
Drawing Name: C:\Users\JFletcher\DC\ACCDocs\CPL\R25.18915.00\Lesslie FD Station #2 Garage\Project Files\01 Design\04 LA\CAD\LP_R25.18915.00_PL.dwg
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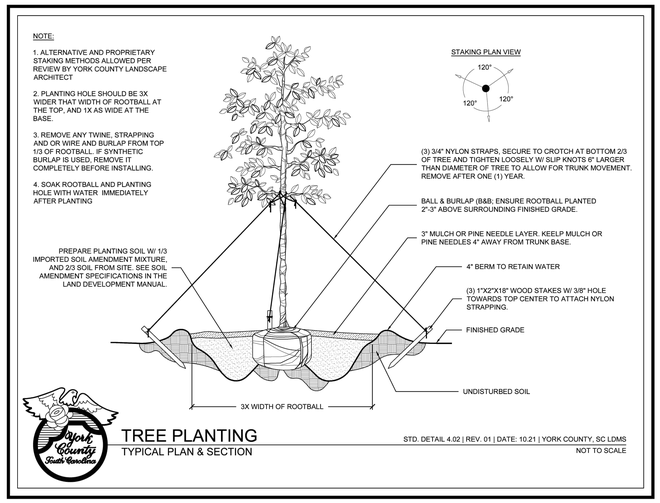
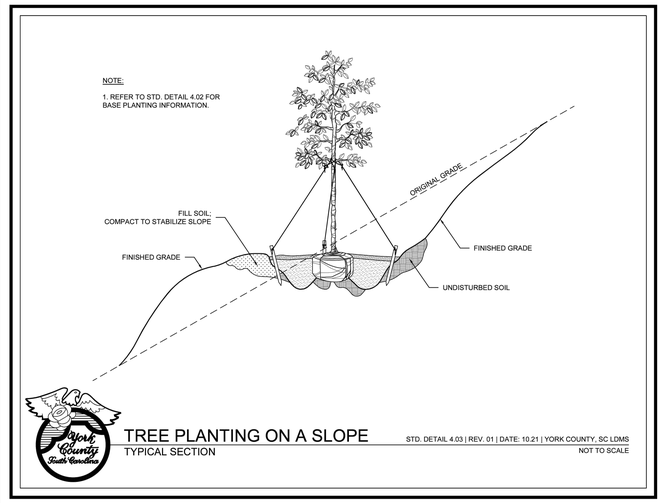


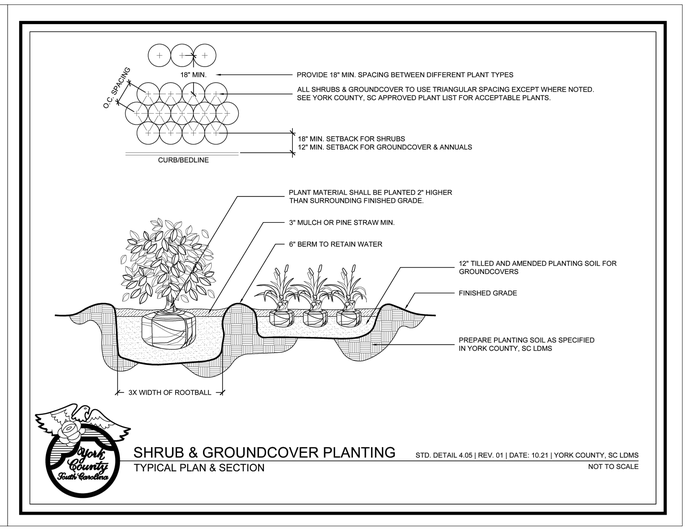
TREE PLANTING
TYPICAL PLAN & SECTION

STD. DETAIL 4.02 | REV. 01 | DATE: 10.21 | YORK COUNTY, SC LDMS
NOT TO SCALE



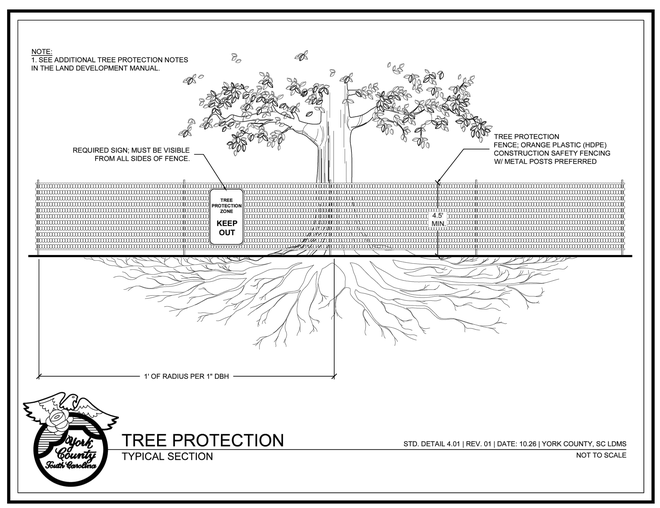
TREE PLANTING ON A SLOPE
TYPICAL SECTION

STD. DETAIL 4.03 | REV. 01 | DATE: 10.21 | YORK COUNTY, SC LDMS
NOT TO SCALE



SHRUB & GROUNDCOVER PLANTING
TYPICAL PLAN & SECTION

STD. DETAIL 4.05 | REV. 01 | DATE: 10.21 | YORK COUNTY, SC LDMS
NOT TO SCALE



TREE PROTECTION
TYPICAL SECTION

STD. DETAIL 4.01 | REV. 01 | DATE: 10.26 | YORK COUNTY, SC LDMS
NOT TO SCALE

GENERAL NOTES

1. BEFORE BEGINNING ANY WORK, ALL UTILITIES AND UNDERGROUND CONSTRUCTION SHALL BE LOCATED BY THE THE LANDSCAPE CONTRACTOR SO THAT PROPER PRECAUTIONS MAY BE TAKEN NOT TO DISTURB OR DAMAGE ANY SUBSURFACE IMPROVEMENTS. WHERE PUBLIC UTILITIES ARE PRESENT, THE LANDSCAPE CONTRACTOR SHALL REQUEST ON-SITE LOCATIONS BY ALL UTILITY COMPANIES AND CONFIRM THAT SUCH LOCATIONS HAVE BEEN COMPLETED. THE LANDSCAPE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MAKING, AT HIS OWN EXPENSE, ALL REPAIRS TO DAMAGED UTILITIES RESULTING FROM WORK COVERED BY THIS CONTRACT.
2. THE CONTRACTOR'S PRICE SHALL INCLUDE ALL LABOR AND MATERIAL NECESSARY TO COMPLETE THE WORK, INCLUDING BUT NOT LIMITED TO, MULCH, PLANTING MATERIAL, SOIL MIX, STAKING MATERIAL, WATERING, MAINTENANCE DURING CONSTRUCTION, GROUND CULTIVATION TO AS INDICATED ON PLANS FOR PLANTING BEDS AND SOD AREAS, ETC.
3. REFER TO YORK COUNTY LAND DEVELOPMENT MANUAL 4.6 PLANTING AND INSTALLATION SPECIFICATIONS.
4. GROUND CULTIVATION INCLUDES SCALPING AND REMOVING EXISTING VEGETATION DOWN TO THE SUB-GRADE. ROTOTIL 3 INCHES OF ADDITIVES SUCH AS TOP SOIL, SAND OR COMPOST (PER SOIL TEST ANALYSIS INTO THE SUBGRADE TO BREAK THROUGH AND REMOVE ALL HARDPAN, ROCKS AND DEBRIS. THIS WILL ALLOW PERCOLATION AND POSITIVE DRAINAGE. IF A ROTOTILER IS NOT SUFFICIENT TO BREAK UP THE SUBGRADE, THE CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL EQUIPMENT NEEDED TO COMPLETE THE WORK AT NO ADDITIONAL EXPENSE TO THE OWNER.
5. CONTRACTOR SHALL PROVIDE INVOICES OF ALL PLANT MATERIAL TO OWNER AND LANDSCAPE ARCHITECT DURING CONSTRUCTION.
6. THE LANDSCAPE CONTRACTOR SHALL IMPLEMENT ALL MEASURES REQUIRED BY YORK COUNTY.
7. THE LANDSCAPE CONTRACTOR SHALL TAKE MEASURES TO PREVENT DUST, MUD, EQUIPMENT MARKS, ETC FROM SOILING AND DAMAGING IMPROVEMENTS. ANY DAMAGE SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES SHOWN ON THESE DRAWINGS BEFORE PRICING THE WORK, AND WILL BE RESPONSIBLE FOR INSTALLATION OF PLANT MATERIAL ACCORDING TO PLANS. THE PLANT SCHEDULE IS PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY.
9. PROVIDE PLANT MATERIALS TRUE TO SPECIES AND VARIETY COMPLYING WITH RECOMMENDATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERY MEN.
10. PLANTING PLANS INDICATE DIAGRAMMATIC LOCATIONS ONLY. SITE ADJUSTMENTS OF PLANTING DESIGN AND RELOCATION OF PLANT MATERIAL INSTALLED PRIOR TO DESIGN PROFESSIONAL OR OWNER'S REPRESENTATIVE'S APPROVAL SHALL BE DONE WITHOUT PENALTY OR ADDITIONAL COST TO OWNER. STAKE PLANT LOCATIONS AT SITE AND OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO PLANT INSTALLATION.

YORK COUNTY PLANTING MAINTENANCE STANDARD NOTES 4.6.6.3

A. NO 'TOPPING' OR 'AGGRESSIVE TRIMMING' IS PERMITTED PER § 154.203(D)(3). THIS PERTAINS ESPECIALLY TO THE COMMON MAINTENANCE PRACTICE OF TOPPING, OR 'HAT-RACKING' CRAPE MYRTLES AFTER EVERY GROWTH SEASON. THIS PRACTICE STUNTS THE TREE'S GROWTH, AND EVENTUALLY KILLS THE TREE AFTER SEVERAL YEARS OF THIS REPEATED PRACTICE. ANY TREES, ESPECIALLY CRAPE MYRTLES, FOUND TO BE PRUNED IN THIS MANNER WILL NEED TO BE REPLACED WITH A NEW TREE CONFORMING TO THE COUNTY MINIMUM SPECIFIED TREE SIZE.

B. ALL OTHER MAINTENANCE INCLUDING PRUNING MUST CONFORM TO THE MINIMUM STANDARDS SET FORTH IN ANSI A300 PER § 154.203(D)(1).

YORK COUNTY SOIL AMENDMENT STANDARD NOTES 4.6.6.4

A. ALL PROPOSED PLANT MATERIAL SHALL INCLUDE AN IMPORTED SOIL AMENDMENT MIXTURE. ITS HALL BE PLACED IN THE PLANTING HOLE OF EACH PROPOSED PLANT, AND SHALL BE TILLED WITH THE SITE SOIL AT A RATIO OF 1/3 IMPORTED SOIL AMENDMENT MIXTURE AND 2/3 SITE SOIL.

B. THE IMPORTED SOIL AMENDMENT MIXTURE SHALL CONTAIN:
1. BALANCE TEXTURED SOIL. CLAY CONTENT SHALL NOT EXCEED FORTY PERCENT (40%).
2. PH VALUE BETWEEN 5.5-7.0
3. ORGANIC MATTER PERCENT BETWEEN 2-5% DRY WEIGHT.

C. THE IMPORTED SOIL AMENDMENT MIXTURE SHALL NOT CONTAIN ANY SOIL CLODS LARGER THAN TWO-INCHES (2") INCHES IN DIAMETER AND BE FREE AND CLEAR OF ROCKS OVER ½-INCH IN DIAMETER, AND FREE OF CONCRETE, TRASH, WEEDS AND SEEDS OF WEEDY SPECIES, PETROLEUM PRODUCTS, STICKS, ROOTS, AND TOXIC CHEMICALS OR OTHER DETRIMENTAL MATERIAL AND SUBSTANCES CONDUCIVE TO SOIL PLANT AND HEALTH. THE SOIL SHALL ALSO BE FREE AND CLEAR OF FOUND SOIL-BORNE DISEASES.

YORK COUNTY WATERING STANDARD NOTES 4.6.6.5

A. ESTABLISHMENT WATERING PERIOD
1. ESTABLISHMENT PERIOD MINIMUM OF 6 MONTHS, BUT UP TO 1 YEAR AFTER PLANTING
a. 1ST 4 WEEKS – 3 WATERINGS PER WEEK
b. 2ND 4 WEEKS – 2 WATERINGS PER WEEK
c. UNTIL ESTABLISHMENT – 1 WATERING PER WEEK
2. WATER APPLIED PER PLANT PER WATERING DURING ESTABLISHMENT PERIOD
a. 1 GALLON PLANTS – 2 GALLONS WATER
b. 3 GALLON PLANTS – 5 GALLONS WATER
c. 7 GALLON PLANTS – 8 GALLONS WATER
d. B&B TREES – 20 GALLONS WATER

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PROJECT INFORMATION
Project Number
R25.18915.00
Client Name
YORK COUNTY
Project Name
LESSLIE FD STATION #2 GARAGE
Project Address
2711 RESERVATION RD, ROCK HILL, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	03/20/2026	REVISION 1

APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS
STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

South Carolina
Landscape Architect
No.1636

SHEET INFORMATION
Issued: 01/28/2026
Scale: AS NOTED
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: JF
Checked By: PT
Drawing Title: LANDSCAPE DETAILS & NOTES
Drawing Number: L800

Sheet size: 30x42
Drawing Name: C:\Users\JReitcher\DC\ACCDocs\CPL\R25.18915.00-lesslie FD Station #2 Garage\Project Files\01 Design\04 LA\CAD\LFD_R25.18915.00_DP_Lsheg
Date last accessed: 3/25/2026 7:37 AM
Date last plotted: 3/25/2026 5:00 PM
Plotted By: Jeana Reitcher

PRINTER NOTE: DRAWINGS PRINTED TO SCALE ON 24" w X 18" t PAPER SIZE

GENERAL

1. THE GENERAL NOTES ARE NOT A SUBSTITUTE OR A REPLACEMENT FOR THE PROJECT SPECIFICATIONS. THESE NOTES ARE INTENDED AS A GUIDE TO THE DESIGN AND/OR CONSTRUCTION REQUIREMENTS ESTABLISHED FOR THIS PROJECT. NO CONTRACTOR SHOULD ATTEMPT TO DESIGN, BID OR CONSTRUCT ANY PORTION OF THE WORK HEREIN WITHOUT CONSULTING THE PROJECT SPECIFICATIONS. IF ANY CONFLICTS OCCUR BETWEEN THE NOTES, PROJECT SPECIFICATIONS AND DETAILS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCE AND SAFETY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED TEMPORARY BRACING AND SHORING DURING CONSTRUCTION TO MAINTAIN THE STABILITY OF THE STRUCTURE. CONSTRUCTION LOADS SHALL NOT EXCEED THE CAPACITY OF THE INSTALLED STRUCTURE AT ANY TIME.
3. THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH ARCHITECTURAL, AND OTHER CONTRACT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THESE DRAWINGS. DISCREPENCIES, INCLUDING DIMENSIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR DESIGN ENGINEER PRIOR TO PROCEEDING WITH FABRICATION OR CONSTRUCTION.
5. ALL THINGS WHICH, IN THE OPINION OF THE CONTRACTOR, APPEAR TO BE DEFICIENCIES, OMISSIONS, CONTRADICTIONS OR AMBIGUITIES IN THE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO FABRICATION OR CONSTRUCTION.
6. DETAILS/SECTIONS SHOWN ON DRAWINGS ARE TYPICAL AND MAY APPLY TO LOCATIONS OTHER THAN WHERE SPECIFICALLY MARKED ON THE PLANS. IF SECTIONS OR DETAILS DO NOT REPRESENT ALL REQUIRED CONDITIONS, THE ENGINEER SHALL BE CONTACTED FOR CLARIFICATION BY THE GENERAL CONTRACTOR.
7. IF EXISTING CONDITIONS MAKE IT NECESSARY TO REVISE STRUCTURAL DETAILS, NOTIFY DESIGN ENGINEER BEFORE PROCEEDING WITH ANY CHANGES.
8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CONTRACT DRAWINGS AND LATEST ADDENDA AND SUBMITTING THESE DOCUMENTS TO SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBER AND ERECTION IN THE FIELD.
9. THE GENERAL CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITIES FROM ALL DAMAGE.
10. EQUIPMENT PADS ARE TO BE PROVIDED BY THE MECHANICAL OR ELECTRICAL CONTRACTORS REQUIRING THE PADS.
11. ALL WORK SHALL BE DONE IN ACCORDANCE WITH OSHA AND OWNER'S REGULATIONS
12. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY CONTRACTOR AT BEGINNING OF PROJECT. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN DESIGN DRAWING AND FIELD CONDITIONS. NO MATERIALS SHALL BE ORDERED OR FABRICATED PRIOR TO VERIFYING ALL STRUCTURAL DETAILS AND PLANS MATCH FIELD CONDITIONS.

FOUNDATION

1. ALL FOUNDATION AND SLAB ON GRADE EXCAVATIONS ARE TO FOLLOW RECOMMENDATIONS STATED IN THE REPORT OF GEOTECHNICAL EXPLORATION TO BE PROVIDED BY OWNER.
2. ALL EXISTING TOPSOIL, VEGETATION, DISTURBED SOILS AND SURFACE SOILS CONTAINING ORGANIC MATTER OR OTHER DELETERIOUS MATERIALS SHOULD BE STRIPPED FROM WITHIN THE PROPOSED BUILDING AND PAVED AREAS.
3. CONTRACTOR SHALL REMOVE AND REPLACE UNNACCEPTABLE SOILS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND/OR AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER.
4. FOUNDATIONS AND SLABS ARE TO BE PLACED ON FIRM UNDISTURBED NATURAL SOIL OR PROPERLY COMPACTED FILL MATERIAL. FILL MATERIAL SHALL BE COMPACTED IN THIN LIFTS TO AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698). IN ADDITION, AT LEAST THE UPPER 18 INCHES OF SUBGRADE FILL BENEATH PAVEMENTS AND FLOOR SLABS SHOULD BE COMPACTED TO 100 PERCENT OF THE SAME SPECIFICATION.
5. IN ORDER TO VERIFY THAT THE SOILS ENCOUNTERED IN FOOTING EXCAVATIONS ARE SIMILAR TO THOSE ENCOUNTERED IN THE SOIL TEST BORINGS, FOOTING EXCAVATIONS ARE TO BE EXAMINED AND CHECKED WITH A DYNAMIC HAND PENETROMETER BY AN EXPERIENCED ENGINEERING TECHNICIAN WORKING UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER.
6. FOOTINGS SHOULD BE POURED AS SOON AS POSSIBLE AFTER EXCAVATION. THE FOUNDATION BEARING AREA SHOULD BE LEVEL AND BE FREE OF LOOSE SOIL, PONDED WATER, AND DEBRIS. FOUNDATION CONCRETE SHOULD NOT BE PLACED ON SOILS THAT HAVE BEEN DISTURBED BY SEEPAGE. IF BEARING SOILS ARE SOFTENED BY SURFACE WATER INTRUSION OR EXPOSURE, THE SOFTENED SOILS MUST BE REMOVED FROM THE FOUNDATION EXCAVATION BOTTOM IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE.
7. WHERE FOOTING EXCAVATIONS MUST REMAIN OPEN FOR AN EXTENDED PERIOD OR IF RAINFALL BECOMES IMMINENT WHILE BEARING SOILS ARE EXPOSED, A 2" TO 4" THICK MUD MAT OF UNREINFORCED LEAN (f'c=2000psi) CONCRETE SHALL BE PLACED ON THE BEARING SOILS BEFORE PLACEMENT OF THE FOOTING REINFORCING.
8. CENTER ALL FOOTINGS UNDER WALLS, COLUMNS OR GRID LINES UNLESS NOTED OTHERWISE.
9. RETAINING WALLS TO BE PROPERLY SHORED BEFORE BACKFILLING. HEAVY EQUIPMENT SHALL NOT BE ALLOWED WITHIN 5 FEET OF THESE WALLS. USE MECHANICAL HAND TAMPERS FOR COMPACTING BACKFILL AGAINST WALLS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION OF ALL EXCAVATION SLOPES. WHERE NECESSARY SHEETING AND SHORING OF EXCAVATION SHALL BE PROVIDED WITH ALL REQUIRED TIE BACKS AND BRACING, TO BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT LOCATION.
11. FOUNDATION DESIGN PARAMETERS (VALUES ASSUMED IF NOT SPECIFICALLY STATED IN SOILS REPORT)
    - MAXIMUM FOUNDATION NET SOIL BEARING PRESSURE 2000 psf
    - ACTIVE EARTH PRESSURE (Ka = .25) 30 pef/ft
    - PASSIVE EARTH PRESSURE 300 pef/ft
    - AT REST EARTH PRESSURE (Ko=.42) 50 pef/ft
    - SOIL FRICTION COEFFICIENT .35
    - MODULUS OF SUBGRADE UNDER SLAB ON GRADE (K) 125 PCI
12. RETAINING WALLS SHALL HAVE A MINIMUM OF TWO FEET OF FREE DRAINING GRANULAR FILL AGAINST THE BACK OF THE WALL OR SHALL HAVE AN ACCEPTABLE COMMERCIAL GRADE DRAINAGE MAT PLACED AGAINST THE WALL.
13. REINFORCING IN ALL CONTINUOUS STRIP FOOTINGS SHALL HAVE CORNER BARS OR DOWELS PROVIDED AT ALL CORNERS AND INTERSECTIONS.

SHOP DRAWINGS

1. ALL SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.
2. CONTRACTOR SHALL PROVIDE IN HIS SCHEDULE FOR A SHOP DRAWING REVIEW AND RETURN TIME OF A MINIMUM OF FIFTEEN WORKING DAYS IN THE STRUCTURAL ENGINEER'S OFFICE.
3. THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW OF THE FOLLOWING APPLICABLE ITEMS:
    - A. CONCRETE MIX DESIGNS.
    - B. CONSTRUCTION JOINT LOCATIONS ON STRUCTURAL FLOORS.
    - C. WOOD TRUSSES WITH CALCULATIONS (*)
    - D. ANCHOR BOLT SUBMITTAL
    - E. CONCRETE CURING MATERIALS

    ITEMS MARKED (*) SHALL HAVE SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT LOCATION.

CONCRETE

A. GENERAL SPECIFICATIONS

1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO THE 'SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS', (A.C.I. 301-99) AND 'BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE', (A.C.I. 318-02).
2. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE 'SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS, (ACI 117-90)
3. ALL CONCRETE SHALL BE READY-MIXED MEETING THE REQUIREMENTS OF ASTM C-94, 'SPECIFICATION FOR READY-MIXED CONCRETE'.
4. NO WATER SHALL BE ADDED TO THE CONCRETE AT THE JOBSITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CONCRETE SUPPLIER TO ENSURE A PUMPABLE AND WORKABLE MIX WITHOUT THE ADDITION OF WATER AT THE JOBSITE.
5. CONCRETE PLACEMENT IS TO CONFORM WITH ACI 305-99 HOT WEATHER CONCRETING AND ACI 306-88 COLD WEATHER CONCRETING. MINIMUM TEMPERATURE OF CONCRETE AT TIME OF PLACEMENT AND MAINTAINED DURING CURING IS 55 DEGREES FAHRENHEIT.
6. GROUT AT COLUMN BASES AND AT EXTERIOR WALL BASE SHALL BE NON-METALLIC, NON-SHRINK AND SHALL BE A FACTORY PREPARED MIXTURE OF NON AIR-ENTRAINING PORTLAND CEMENT, WELL GRADED, SHARP SILICA SAND AND OTHER ADMIXTURES AS REQUIRED TO PRODUCE A NON SHRINK GROUT. GROUT SHALL CONFORM TO ASTM C-1107 GRADE C.
7. FORMWORK SHALL BE DESIGNED AND CONSTRUCTED/INSTALLED IN ACCORDANCE WITH ACI 347, 'GUIDE TO FORMWORK FOR CONCRETE'.
8. MEMBERS NOT TO BE LOADED UNTIL CONCRETE HAS REACHED ITS REQUIRED COMPRESSIVE STRENGTH.
9. CONCRETE SHALL BE TESTED IN ACCORDANCE WITH SECTION 5.6 OF ACI 318-02 (EVALUATION AND ACCEPTANCE OF CONCRETE).
10. ALL CONCRETE DEFECTS SHALL BE PROPERLY REPAIRED IMMEDIATELY IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SECTION 5 OF ACI 301-LATEST EDITION.
11. ADHESIVE ANCHORS SHALL BE HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM WITH 'HAS' STANDARD RODS BY HILTI FASTENING SYSTEMS OR APPROVED EQUAL. MINIMUM EMBEDMENT SHALL BE AS SPECIFIED BY THE MFG. UNLESS NOTED OTHERWISE ON THE ENGINEERING DRAWINGS.
12. EXPANSION ANCHORS SHALL BE KWIK BOLT II WEDGE TYPE ANCHORS BY HILTI FASTENING OR APPROVED EQUAL. MINIMUM EMBEDMENT SHALL BE AS SPECIFIED BY THE MANUFACTURER UNLESS NOTED OTHERWISE ON THE ENGINEERING DRAWINGS.
13. ELEVATED FLOOR SLABS ARE TO HAVE A CONSTANT FLOOR THICKNESS AS SHOWN ON THE DESIGN DRAWINGS. FLOOR THICKNESS IS NOT TO BE ADJUSTED IN THE FIELD TO PROVIDE LEVEL SLAB.
14. ELEVATED SLABS ARE TO BE REINFORCED WITH WELDED WIRE FABRIC.
15. ELEVATED SLABS ARE NOT TO HAVE SAWED CONTROL JOINTS.

B. MIX DESIGN SPECIFICATIONS

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) AT 28 DAYS AS FOLLOWS:
    - COLUMN AND WALL FOOTINGS, EXTERIOR SLAB ON GRADE f'c = 3000 PSI
    - INTERIOR SLAB ON GRADE f'c = 3000 PSI
2. CONCRETE IS TO BE NORMAL WEIGHT AND MADE WITH TYPE 1 PORTLAND CEMENT CONFORMING TO ASTM C150 SPECIFICATION, "STANDARD SPECIFICATION FOR PORTLAND CEMENT".
3. CLASS F FLYASH IS TO BE LIMITED TO A MAXIMUM OF 20% OF TOTAL CEMENTITIOUS MATERIAL WEIGHT. FLYASH IS NOT PERMITTED FOR INTERIOR FLOOR SLABS.
4. NO ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL BE PERMITTED IN ANY MIX DESIGN.
5. A MID RANGE WATER REDUCING ADMIXTURE IN CONFORMANCE WITH ASTM C494 TYPE 'A' IS TO BE USED TO REDUCE WATER REQUIREMENTS. DOSAGE AMOUNT IS NOT TO EXCEED 6 OZ. PER 100 POUNDS OF CEMENTITIOUS MATERIAL.
6. WATER/CEMENT RATIOS SHALL NOT EXCEED 0.6 FOR f'c=3000 PSI CONCRETE NOR 0.5 FOR f'c=4000 PSI CONCRETE.
7. MAXIMUM SLUMP SHALL BE 5".
8. CONCRETE AGGREGATE GRADATION SHALL BE IN ACCORDANCE WITH ASTM C33. "SPECIFICATION FOR CONCRETE AGGREGATES".
    - A. COARSE AGGREGATE
      COARSE AGGREGATE GRADATION SHALL HAVE A MINIMUM SIZE #57 STONE MIX PER ASTM C33. FOR 6" SLABS OR GREATER, LARGER COURSE AGGREGATE MIXS UP TO #467 ARE ACCEPTABLE TO MINIMIZE SHRINKAGE CRACKING.
    - B. FINE AGGREGATE
      FINE AGGREGATE SHALL CONSIST OF NATURAL SAND OR A COMBINATION THEREOF, WITH A FINENESS MODULUS BETWEEN 2.3 AND 3.1.
      FINE AGGREGATE CONTENT IS TO BE BETWEEN 35% AND 45% BY WEIGHT OR VOLUME OF THE TOTAL AGGREGATE CONTENT.
9. CONCRETE MIX DESIGNS INCLUDING W/C RATIOS AND SLUMPS ARE TO BE PREPARED BY CONCRETE SUPPLIER AND SUBMITTED TO ENGINEER FOR APPROVAL A MINIMUM OF 14 DAYS PRIOR TO CONCRETE WORK COMMENCING. CONCRETE MIX DESIGNS ARE TO BE PROPORTIONED IN ACCORDANCE WITH SECTION 5.3 OR 5.4 OF ACI 318-02.
10. ALL EXTERIOR CONCRETE IS TO HAVE 5 PERCENT AIR ENTRAINMENT IN ACCORDANCE WITH ASTM C260.

REINFORCING STEEL

1. REINFORCING STEEL SHALL BE HIGH STRENGTH DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60, EXCEPT REINFORCING THAT IS TO BE WELDED SHALL CONFORM TO ASTM A706.
2. WELDED WIRE MESH SHALL CONFORM TO ASTM A185 AND SHALL BE LAPPED ONE FULL MESH AT END SPLICES AND BE WIRED TOGETHER. MESH SHALL BE SUPPLIED IN SHEETS, NOT ROLLS AND BE INSTALLED ON CHAIRS.
3. REINFORCING STEEL DETAILING, FABRICATION AND PLACING SHALL CONFORM TO THE FOLLOWING:
    - C.R.S.I.'s "MANUAL OF STANDARD PRACTICE", LATEST EDITION
    - A.C.I. 318-02 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
    - ACI 315-99, "DETAILS AND DETAILING OF CONCRETE REINFORCING".
4. BARS SPLICED BY NONCONTACT LAP SPLICES SHALL NOT BE SPACED TRANSVERSELY FARTHER APART THAN ONE-FIFTH THE REQUIRED LAP SPLICE LENGTH, NOR 6".
5. REINFORCEMENT PROTECTION SHALL BE:
    - CONCRETE POURED AGAINST EARTH————————3"
    - CONCRETE POURED IN FORMS EXPOSED TO WEATHER OR EARTH——2"
    - COLUMNS AND BEAMS (TIE BARS)————————1 1/2"
    - SLABS AND WALLS NOT EXPOSED TO WEATHER————————3/4"
4. REINFORCING BARS SHALL NOT BE WELDED UNLESS OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS. IF WELDING HAS BEEN NOTED ON THE STRUCTURAL DRAWINGS THOSE WELDS SHALL BE IN ACCORDANCE WITH THE 'STRUCTURAL WELDING CODE-REINFORCING STEEL' (AWS D1.4).

SLABS ON GRADE

1. CONCRETE FLOOR SLAB ON GRADE CONSTRUCTION SHALL CONFORM TO ACI 302.1R96 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION". FLOOR IS TO BE A SINGLE COURSE, MONOLITHIC SLAB ON GRADE.
2. FLOOR SLABS ARE TO BE PLACED OVER COMPACTED EARTH BASE OR CRUSHED STONE BASE, AS NOTED ON THE SLAB PLAN. SUB-GRADE FOR SLAB SHALL BE COMPACTED AND TESTED AND HAVE A MAXIMUM ELEVATION DIFFERENCE OF PLUS OR MINUS 1/10 OF A FOOT.
3. CRUSHED STONE BASE IS TO BE TYPE 1, GRADATION C, IN CONFORMANCE WITH ASTM D 1241-68 STANDARD SPECIFICATION FOR MATERIALS FOR SOIL-AGGREGATE SUBBASE, BASE AND SURFACE COURSES.
4. IN ORDER TO MINIMIZE PLASTIC SHRINKAGE CRACKS IN THE FLOOR SLAB, CONCRETE IS NOT TO BE PLACED WHEN THE EVAPORATION RATE OF WATER IS GREATER THAN 0.2 POUNDS PER SQUARE FOOT SURFACE AREA PER HOUR UNLESS MEASURES ARE TAKEN TO COMPENSATE FOR THE HIGH RATE OF EVAPORATION AS DESCRIBED IN ACI 305-99. EVAPORATION RATES GREATER THAN 0.2 LB/SF/HR TYPICALLY OCCUR WHEN THE AIR TEMPERATURE IS GREATER THAN 90°F, RELATIVE HUMIDITY IS 80% OR LESS, AND WIND VELOCITY IS 10 MPH OR GREATER.
5. THE FOLLOWING INFORMATION IS TO BE RECORDED BY THE GENERAL CONTRACTOR DURING PLACEMENT OF THE SLAB CONCRETE AND SENT TO THE ENGINEER OF RECORD:
    - AIR TEMPERATURE - CONCRETE TEMPERATURE IN ACCORDANCE WITH ASTM C1064.
    - WEATHER CONDITIONS - RELATIVE HUMIDITY
    - WIND SPEED - EVAPORATIVE RATE OF WATER
    - CONCRETE SLUMP
6. FLOOR SLAB IS TO HAVE APPROPRIATELY SPACED CONSTRUCTION AND CONTROL JOINTS.
7. ISOLATION JOINTS SHALL BE AS SHOWN ON DRAWING AND FILLED WITH POLYURETHANE JOINT FILLER UNO BY ARCHITECT.

GENERAL WOOD NOTES:

1. LUMBER GRADES BASED ON SOUTHERN PINE INSPECTION BUREAU (SPIB) GRADING RULES AND AWC NATIONAL DESIGN SPECIFICATION WHICH BECAME EFFECTIVE JUNE 1,2013.
2. ALL WOOD FRAMING SHALL BE SOUTHERN PINE, GRADE 2, KILN DRIED WITH A 19 % MAXIMUM MOISTURE CONTENT UNO.
3. ALL LUMBER DIMENSIONS SHOWN ON DRAWINGS ARE NOMINAL.
4. PRESSURE TREATED LUMBER SHALL CONFORM TO THE AMERICAN WOOD PRESERVER'S ASSOCIATION (AWPA) STANDARDS WITH 0.25 POUNDS PER CUBIC FOOT OF CHROMATED COPPER ARSENATE (CCA) ALL PRESSURE TREATED LUMBER CONNECTORS SHALL BE GALVANIZED.
5. LUMBER SHALL BE UNLOADED IN A DRY PLACE, NOT IN CONTACT WITH GROUND. LUMBER STORED IN OPEN AREA SHOULD BE ELEVATED ON STRINGERS TO ALLOW AIR CIRCULATION AND COVERED WITH MATERIAL THAT WILL GIVE PROTECTION FROM THE ELEMENTS BUT POROUS ENOUGH FOR MOISTURE TO ESCAPE. FRAMING LUMBER SHOULD BE ENCLOSED AND UNDER ROOF AS SOON AS POSSIBLE FOR PROTECTION FROM THE ELEMENTS.
6. ALL PLYWOOD SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF U.S PRODUCT STD PS-1 OR APA PRP-108 PERFORMANCE STANDARDS AND IDENTIFIED WITH APPROPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION (APA).
7. ROOF SHEATHING SHALL BE 1/2" THICK, APA RATED EXPOSURE 1. PANELS SHALL BE INSTALLED WITH THE LONG DIMENSION OR STRENGTH AXIS OF THE PANEL ACROSS SUPPORTS WITH PANEL CONTINUOUS OVER TWO OR MORE SUPPORTS. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES USING GALVANIZED PANEL CLIPS. STAGGER ENDS OF PANELS. NAIL TO RAFTERS OR WOOD TRUSS TOP CHORDS 6" ON CENTER ALONG SUPPORTED EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS USING GALVANIZED 8d NAILS.
8. ROOF SHEATHING SHALL BE 5/8" THICK PLYWOOD
9. EXTERIOR WALL SHEATHING SHALL BE 7/16" THICK, APA RATED EXPOSURE 1. ATTACH TO WALL STUDS USING 8d GALVANIZED NAILS 4" ON CENTER AT EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS
10. PREFABRICATED ROOF AND FLOOR TRUSSES TO BE DESIGNED PER MANUFACTURER BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT LOCATION, USING THE LOADS SHOWN. TRUSSES ARE TO BE METAL PLATE CONNECTED AND DESIGNED AND FABRICATED PER TRUSS PLATE INSTITUTE SPECIFICATIONS (TPI) AND THE WOOD TRUSS COUNCIL OF AMERICA. TRUSSES ARE TO BE TEMPORARILY BRACED DURING ERECTION UNTIL ROOF SHEATHING AND BOTTOM CHORD BRACING IS IN PLACE. TRUSSES ARE TO BE BRACED PER TPI SPECIFICATIONS. TRUSS FABRICATOR TO SUBMIT APPROVAL DRAWINGS TO ENGINEER PRIOR TO CONSTRUCTION
11. UNLESS NOTED OTHERWISE, WOOD FRAMING FASTENING IS TO BE INSTALLED PER TABLE 2304.10.1, FASTENING SCHEDULE OF THE N.C. STATE BUILDING CODE, 2018 EDITION FOR COMMERCIAL PROJECTS AND TABLE 602.3 (1) OF THE NORTH CAROLINA RESIDENTIAL CODE FOR RESIDENTIAL PROJECTS.
14. WALL STUDS SHALL BE CAPPED WITH DOUBLE TOP PLATES TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIONS.
21. LVL MEMBERS SHALL BE 1.9E MICRO.LAM AS MANUFACTURED BY TRUS JOIST MACMILLAN, OR APPROVED EQUIVALENT WITH ALLOWABLE STRESS AS LISTED BELOW:
    - A. Fb, EXTREME FIBER IN BENDING————2600 psi
    - B. Fv, HORIZONTAL SHEAR————285 psi
    - C. Fc, COMP. PERPENDICULAR TO GRAIN——750 psi
    - D. Fc, COMP. PARALLEL TO GRAIN——2310 psi
    - E. MODULUS OF ELASTICITY————1,900,000 psi

LAG SCREWS AND BOLTS INTO WOOD:

1. BENDING YIELD STRENGTH Fyb TO BE 45,000 PSI MIN. FOR LAG SCREWS AND BOLTS INTO WOOD.
2. THE CLEARANCE HOLE FOR THE LAG SCREW SHANK (UNTHREADED PORTION OF SCREW) SHALL HAVE THE SAME DIAMETER, AND THE SAME DEPTH AS SHANK.
3. LEAD HOLE (PILOT HOLE) FOR THE THREADED PORTION OF LAG SCREWS SHALL HAVE THE FOLLOWING DIAMETERS:
    - SPRUCE PINE FIR MATERIAL 40%-70% OF THE SHANK DIAMETER.
    - SOUTHERN YELLOW PINE MATERIAL 60%-75% OF THE SHANK DIAMETER
    - LAMINATED VENEER LUMBER 60%-75% OF THE SHANK DIAMETER
4. LEAD HOLE FOR LAG SCREWS SHALL BE AT LEAST THE LENGTH OF THE THREADED PORTION OF THE SCREW
5. THE THREADED PORTION OF THE LAG SCREW SHALL BE INSERTED INTO LEAD HOLE BY TURNING WITH A WRENCH NOT BY DRIVING WITH A HAMMER.
6. HOLES FOR BOLTS SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
7. BOLTS SHALL NOT BE FORCIBLY DRIVEN INTO MEMBERS
8. A STANDARD CUT WASHER OR METAL PLATE OF EQUAL OR GREATER DIMENSIONS SHALL BE PROVIDED BETWEEN THE WOOD AND THE BOLT HEAD OR NUT.

APPENDIX B CODE SUMMARY
2018 NC BUILDING CODE
STRUCTURAL DESIGN

DESIGN LOADS:

Importance Factors: Snow (I_S) 1.2; Seismic (I_E) 1.5

Live Loads: Roof 20 psf; Mezzanine psf; Floor 100 psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 125 mph (ASCE-7); Exposure Category C

REVISED TEXT STYLE SO IT IS LEGIBLE

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ☐ C ☒ D

Provide the following Seismic Design Parameters:

Risk Category (Table 1604.5) ☐ I ☐ II ☐ III ☒ IV

Spectral Response Acceleration S_S .07 %g S_1 .09 %g

Site Classification (ASCE 7) ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F

Data Source: ☐ Field Test ☒ Presumptive ☐ Historical Data

Basic structural system ☐ Bearing Wall ☐ Dual w/Special Moment Frame; ☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel; ☐ Moment Frame ☐ Inverted Pendulum

Analysis Procedure: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic

Architectural, Mechanical, Components anchored? ☐ Yes ☒ No

LATERAL DESIGN CONTROL: Earthquake ☐ Wind ☒

SOIL BEARING CAPACITIES:

Field Test (provide copy of test report) _____ psf

Presumptive Bearing capacity 2,000 psf

Pile size, type, and capacity _____

..\DTH-logo.jpg

DESIGNER
Phone: (704)-253-8080
eMail: DTHomeDesigns@GMail.Com

SOUTH CAROLINA — SOLID ROCK STRUCTURAL PLLC No. 4586 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24108 — 3-20-26

STRUCTURAL ENGINEER
Solid Rock Structural PLLC
71 Glenn Hill Lane
Hiddenite, NC 28636
Phone: (704) 818-6415
email: Scott@Solidrockstructural.com

SQUARE FOOTAGE

Area (Unheated)	2700 S.F.
Total Under Roof :	2700 S.F.

REVISIONS

No:	Date	By:	Description
1	3-20-26	SMW	REVISION 1

Drawn By: DRG | Issue Date: 03.20.26

A STORAGE POLE BARN FOR:

LESSLIE FIRE DEPARTMENT STATION 2

2711 Reservation Road
Rock Hill, SC 29730

Plan Name/Number:

SRS 25-109 2020-250

Sheet Title:

GENERAL NOTES

TO DISPLAY STRUCTURAL INFORMATION ONLY

SCALE: 1/8" = 1'-0"

Sheet No.:

S0.0

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325 W. McBee Ave Suite 300
Greenville, SC 29601
CPLteam.com

York County South Carolina

PROJECT INFORMATION

Project Number: R25.18915.00

Client Name: **YORK COUNTY**

Project Name: **LESSLIE FD STATION #2 GARAGE**

Project Address: 2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES — YORK COUNTY, SC — APPROVED — Project No: 20151345 — Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC — Greenville, South Carolina — No. 00069 — REGISTERED ARCHITECTS

SHEET INFORMATION

Issued: 01/28/2026 | Scale:

Project Status: CONSTRUCTION DOCUMENTS

Drawn By: Author | Checked By: Checker

Drawing Title: GENERAL NOTES

Drawing Number: S0.0

3/26/2026 10:39:02 AM PROJECT FILES ON ACC

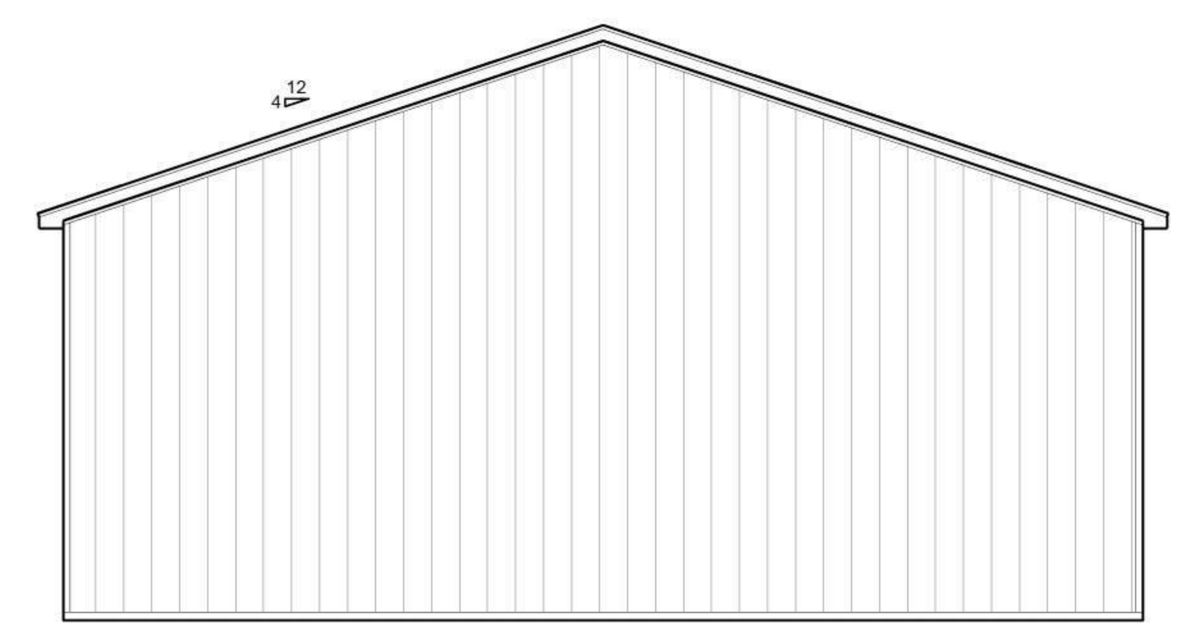
PRINTER NOTE: DRAWINGS PRINTED TO SCALE ON 24" w X 18" t PAPER SIZE

ELEVATION NOTES

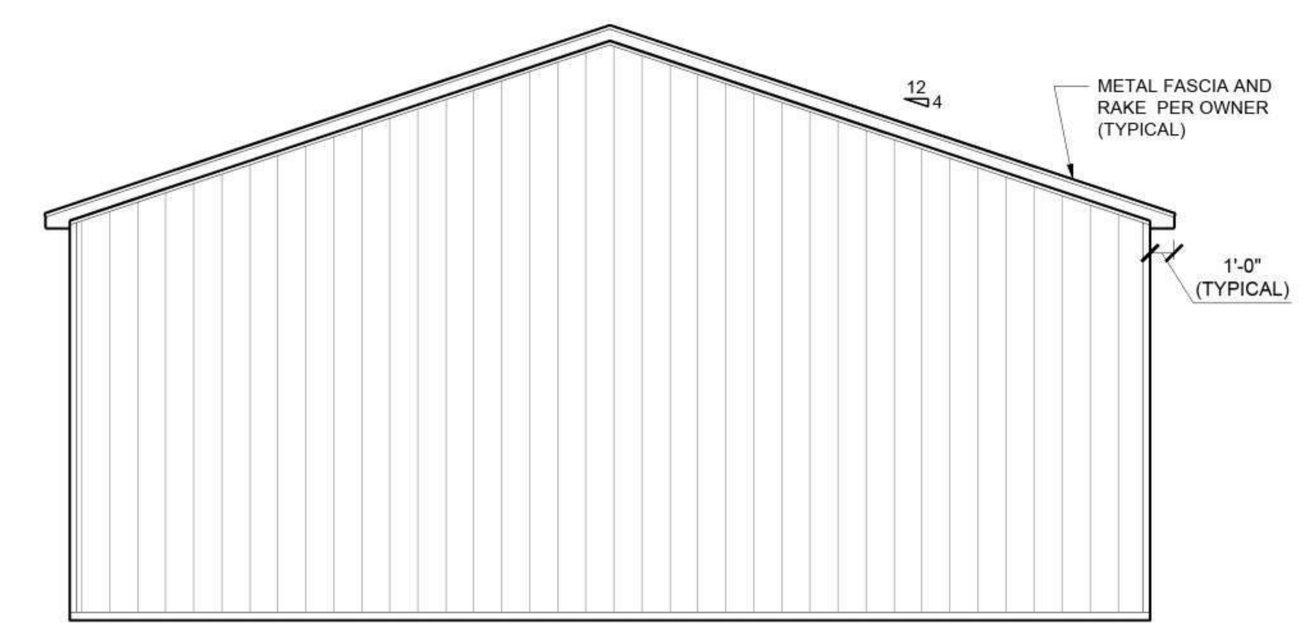
1) GRADE SHOWN ON ELEVATIONS DO NOT NECESSARILY REFLECT THE TOPOGRAPHY OF A SPECIFIC LOT. THEY ARE FOR DIAGRAMMATIC PURPOSES ONLY AND MAY VARY. CONTRACTOR TO COORDINATE ANY UNFORESEEN TOPOGRAPHICAL ISSUES BEFORE CONSTRUCTION.

2) WINDOW GRILLS SHOWN ARE TO SCHEMATICALLY EXPRESS DESIGN INTENT. VERIFY ACTUAL GRILLS WITH OWNER AND MANUFACTURE.

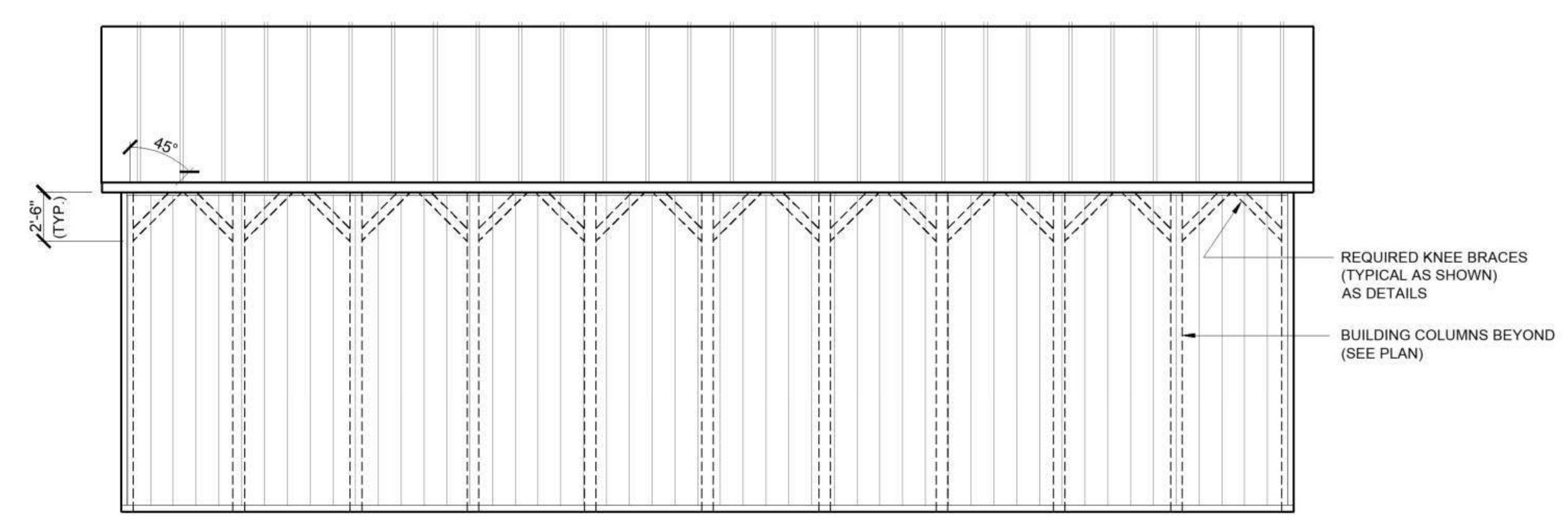
3) GUTTERS & DOWN SPOUTS ARE NOT SHOWN FOR CLARITY. COORDINATED WITH OWNER FOR STYLE, COLORS AND DOWNSPOUT LOCATIONS.



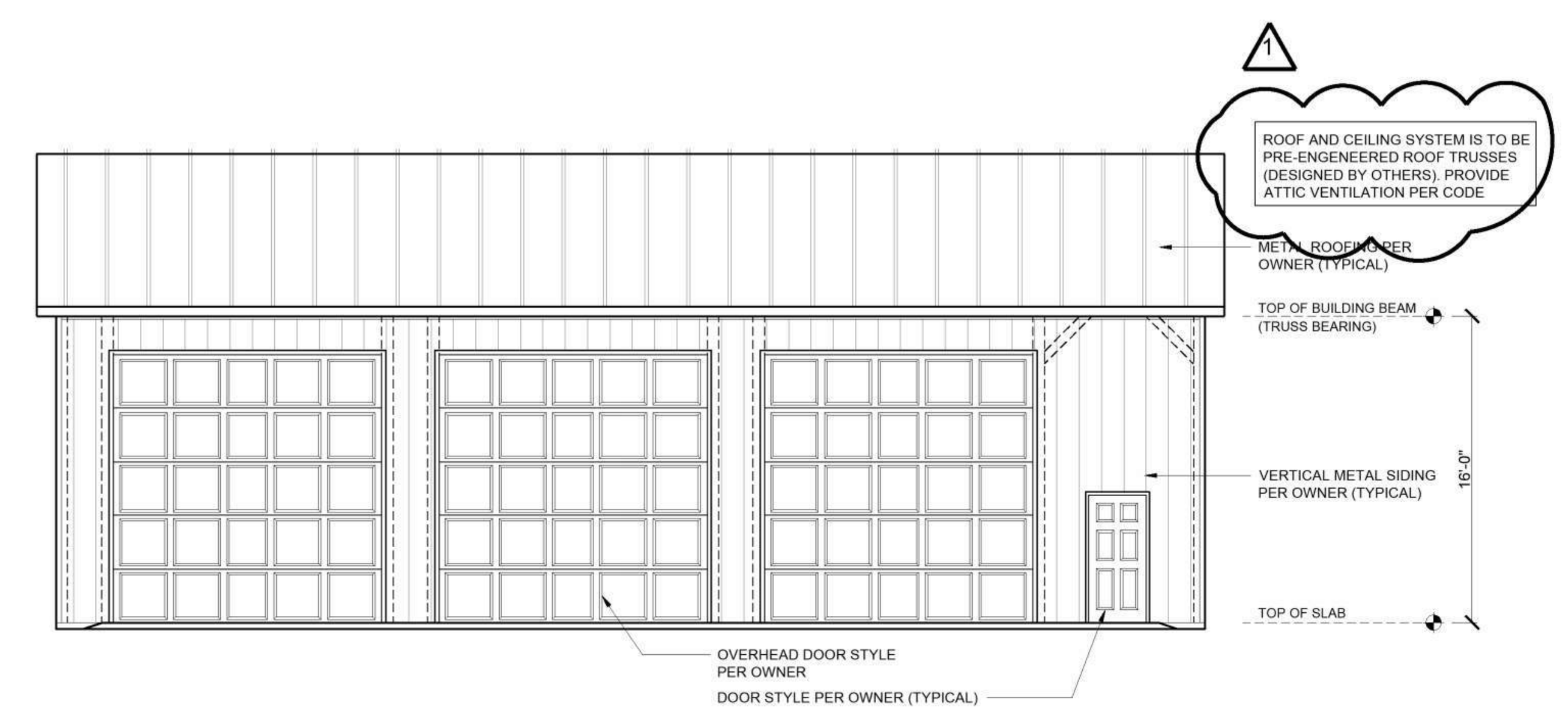
LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



FRONT ELEVATION

..\DTH-logo.jpg

DESIGNER
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eMail: DTHomeDesigns@GMail.Com

SOUTH CAROLINA SOLID ROCK STRUCTURAL PLLC No. 4586 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 24108 SCOTT M. [signature] 3-20-26

STRUCTURAL ENGINEER
Solid Rock Structural PLLC
71 Glenn Hill Lane
Hiddenite, NC 28636
Phone: (704) 819-6415
email: Scott@Solidrockstructural.com

SQUARE FOOTAGE

Area (Unheated)	2700 S.F.
	Total Under Roof - 2700 S.F.

REVISIONS

No:	Date	By:	Description
1	3-20-26	SMW	REVISION 1

Drawn By: DRG | Issue Date: 03.20.26

A STORAGE POLE BARN FOR:

LESSLIE FIRE DEPARTMENT STATION 2

2711 Reservation Road
Rock Hill, SC 29730

Plan Name/Number:

SRS 25-109 2020-250

Sheet Title:

EXTERIOR ELEVATIONS

TO DISPLAY STRUCTURAL INFORMATION ONLY

SCALE: 1/8" = 1'-0"

Sheet No.:

S1.0

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CPLteam.com

York County South Carolina

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS CPL Architects, Engineers, Landscape Architects, Surveyors, DPC Greenville, South Carolina No. 00069

SHEET INFORMATION

Issued: 01/28/2026
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Project Status: CONSTRUCTION DOCUMENTS
Drawn By: Author
Checked By: Checker
Drawing Title: EXTERIOR ELEVATIONS
Drawing Number: S1.0

3/26/2026 10:39:04 AM PROJECT FILES ON ACC

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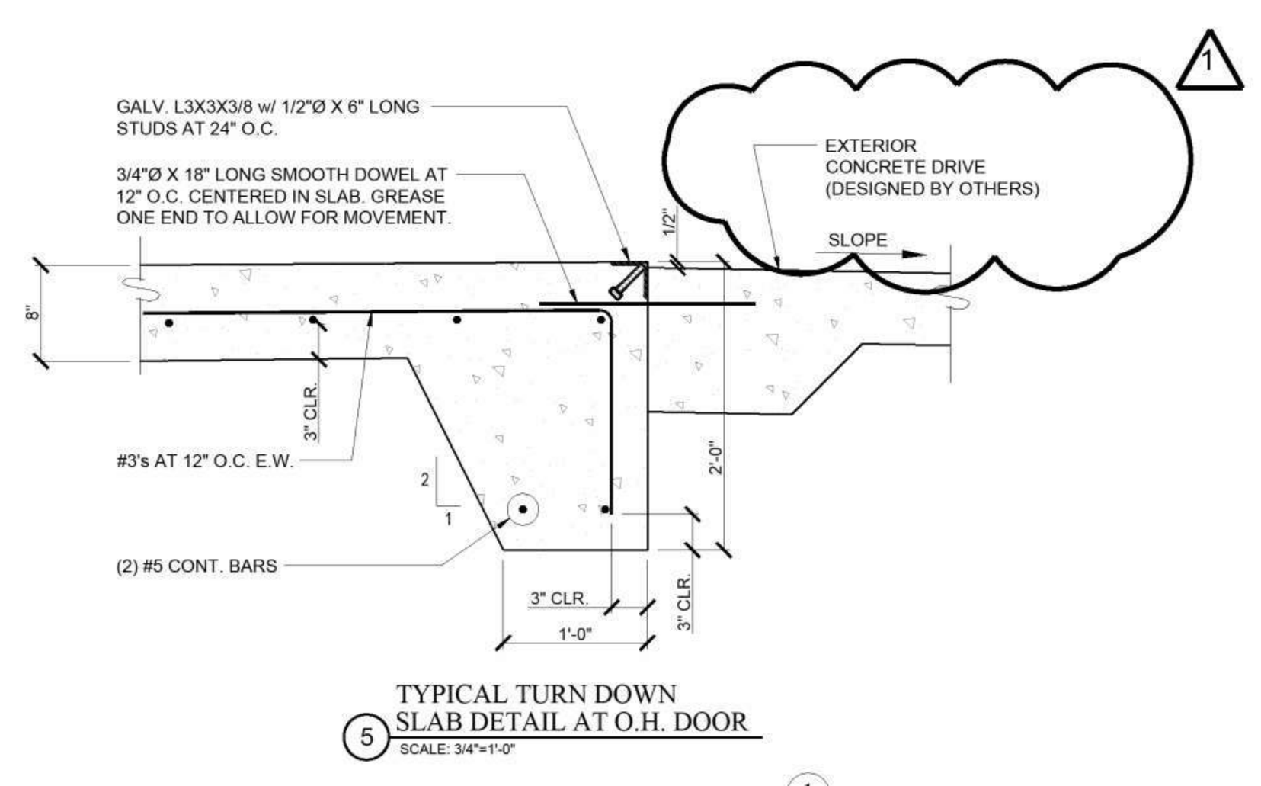
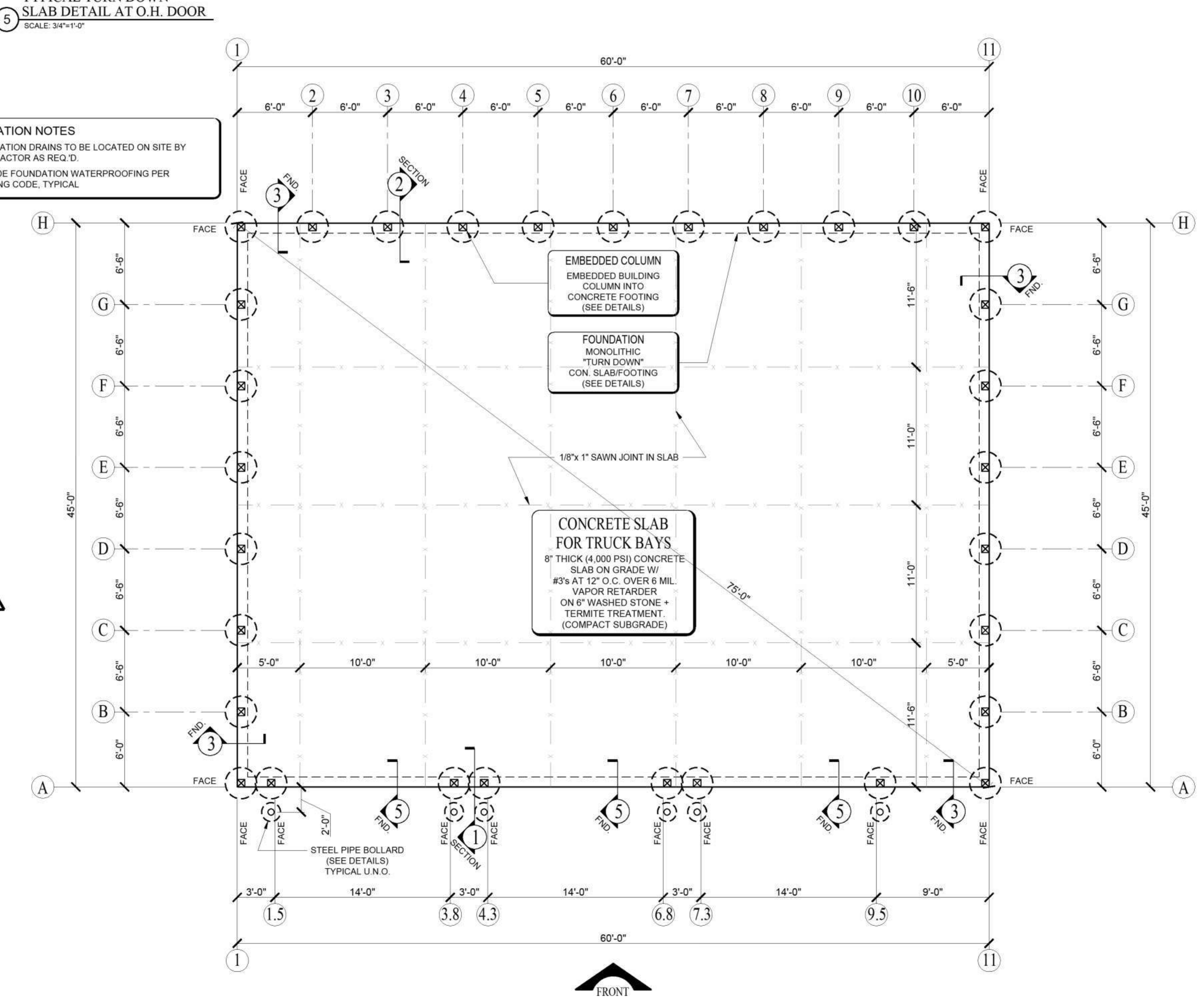
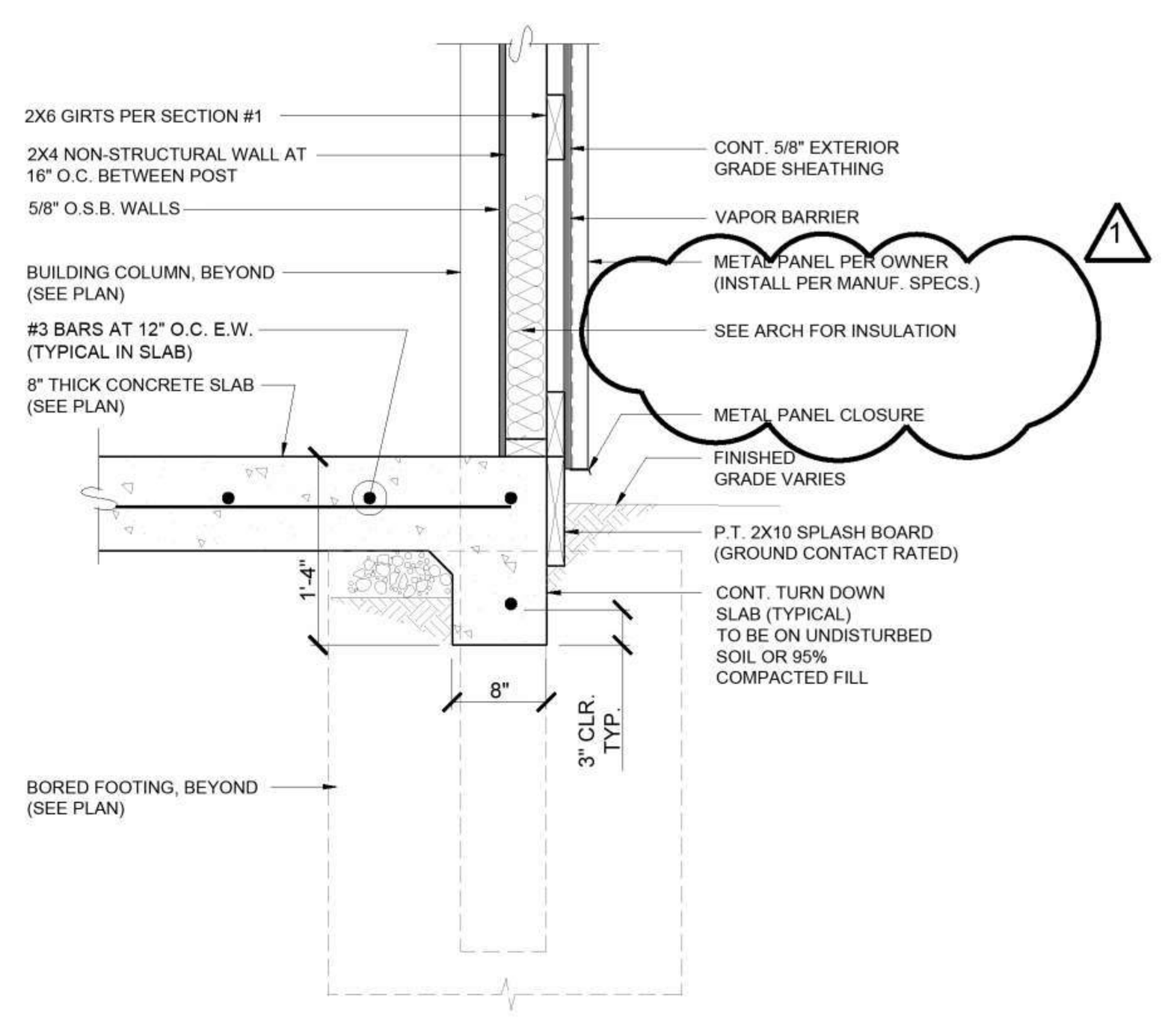
FOUNDATION NOTES

1 - Concrete shall be a minimum of 3,000 psi in 28 days unless noted otherwise.
2 - Concrete exposed to weather shall be a minimum of 4,000 psi in 28 days with 4% to 6% air entrainment unless noted otherwise.
3 - Fibermesh is NOT a substitute for welded wire mesh (or fabric) (wwm or wwf).
4 - All re-bar splices shall be a minimum of 2'-0" unless otherwise noted.
5 - For retaining walls without framing see special designs on drawings.
6 - Water and moisture protection:
(a) provide foundation waterproofing where exterior grade is above crawl space or basement slab and install 4" perforated plastic foundation drains and slope to on-site dry well or natural drainage courses.
(b) all building exterior surface penetrations with potential exposure to weather shall be flashed and/or caulked as per local code and/or industry-reconized proper construction techniques.
7 - All framing in contact with masonry or concrete shall be pressure treated.



TYPICAL TURN DOWN SLAB DETAIL AT O.H. DOOR
5 SCALE: 3/4"=1'-0"





TYPICAL TURN DOWN SLAB DETAIL
3 SCALE: 3/4"=1'-0"

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DESIGNER
Phone: (704)-253-8080
eMail: DTHomeDesigns@GMail.Com

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION SOLID ROCK STRUCTURAL PLLC No. 4586

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 24108 SCOTT M. 3-20-26

STRUCTURAL ENGINEER
Solid Rock Structural PLLC
71 Glenn Hill Lane
Hiddenite, NC 28636
Phone: (704) 819-6415
email: Scott@Solidrockstructural.com

SQUARE FOOTAGE

Area (Unheated)	2700 S.F.
Total Under Roof -	2700 S.F.

REVISIONS

No:	Date	By:	Description
1	3-20-26	SMW	REVISION 1

Drawn By: DRG | Issue Date: 03.20.26

A STORAGE POLE BARN FOR:

LESSLIE FIRE DEPARTMENT STATION 2

2711 Reservation Road
Rock Hill, SC 29730

Plan Name/Number:
SRS 25-109 2020-250

Sheet Title:
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

Sheet No.:
S2.0

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Greenville, SC 29601
CPLteam.com

York County South Carolina

PROJECT INFORMATION
Project Number
R25.18915.00
Client Name
YORK COUNTY
Project Name
LESSLIE FD STATION #2 GARAGE
Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE
Date Description

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS
STATE OF SOUTH CAROLINA CPL Architects, Engineers, Landscape Architects, Surveyors, DPC Greenville, South Carolina No. 00069 REGISTERED ARCHITECTS

SHEET INFORMATION
Issued: 01/28/2026
Scale:
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: Author
Checked By: Checker
Drawing Title: FOUNDATION PLAN
Drawing Number: S2.0

3/26/2026 10:39:05 AM PROJECT FILES ON ACC

PRINTER NOTE: DRAWINGS PRINTED TO SCALE ON 24" w X 18" t PAPER SIZE

FRAMING NOTES:

1- All lumber to be Spruce-Pine-Fir #2 unless noted otherwise.

2- 1¾" Laminated veneer lumber (LVL) beams are specified based on the following design values:
Fb=2900 psi; E=2,000,000 psi; Fv=285 psi; Fc(par) =3200 psi; Fc(perp)=750 psi. Fasten, either nail or bolt, multiply LVL's together per the manufacturer's requirements.
Dimensional lumber is specified based on the following design values:
SPF #2: Fb= 875 psi; E=1,400,000 psi; Fv=135 psi; Fc(par)=1150 psi; Fc(perp)=425 psi.
SYP #2: Fb= 750 psi; E=1,600,000 psi; Fv=175 psi; Fc(par)=1250 psi; Fc(perp)=565 psi.

3- Structural steel materials shall be:
(a) Shapes and plates: ASTM A 992 (c) Structural Tubes: ASTM A500 Grade B, Fy=46 ksi
(b) Structural pipes: ASTM A53 Grade B (d) Metal deck (galvanized): ASTM A611, A446

4- Nail sizes shall be per the following:
GUN NAILS: 16d - 3¼"x0.162 12d - 3¼"x0.148 10d - 3"x0.148 8d - 2½"x0.131
HANGER AND STRAP NAILS TO BE PER. MANUF. SPECS:
SIMPSON N8 - 1½"x0.131 8d - 2½"x0.131 12d - 3¼"x0.148
N10- 1½"x0.148 10d - 3"x0.148 16d - 3½"x0.162

5- Framing plans are diagrammatic in nature and not intended to show exact number or location of members, unless so noted.

6- All framing in contact with masonry or concrete shall be pressure treated.

GENERAL NOTES

1 - These plans should be studied and used in their entirety as information vital to each stage of construction. Information may appear on more than one sheet.

2 - Contractor assumes all liability for any deviation from the plan not approved by the general contractor.

3 - All dimensions should be read or calculated but never scaled.

4 - Verify all conditions and dimensions at site before beginning construction.

5 - Windows and Doors
(a) Windows shown as required egress windows shall met local building codes.
(b) All glazing in ALL doors and shower enclosures shall be tempered unless otherwise permitted by code.
(c) Head heights are approximate and may vary according to manufacturer.
(e) Unless noted otherwise, transom heights are nominal and shall be sized to mull directly to window below.

DESIGN LOADS

1 (revision 1)

1 - Design loads are:

Roof Live Load		- 20 PSF.	Snow Load	- 10 PSF.
Roof Dead Load	Top Chord	- 10 PSF.	Wind Load	- 125 MPH.
	Bottom Chord	- 10 PSF.		

2 - Bearing for footings on undisturbed soil or 95% compacted fill is assumed to be 2,000 P.S.F. u.n.o. Verify soil bearing capacity and any underlying soil problems.

3 - All designs are in accordance with State Building Codes.

4 - Any deviation from the structural requirements of these plans without consulting with the general contractor is prohibited and thereby releases the general contractor from any responsibility.

APPENDIX B CODE SUMMARY

STRUCTURAL DESIGN

DESIGN LOADS:

Importance Factors: Snow (I_S) 1.0; Seismic (I_E) 1.5

Live Loads: Roof 20 psf; Mezzanine ____ psf; Floor 100 psf

Ground Snow Load: 10 psf

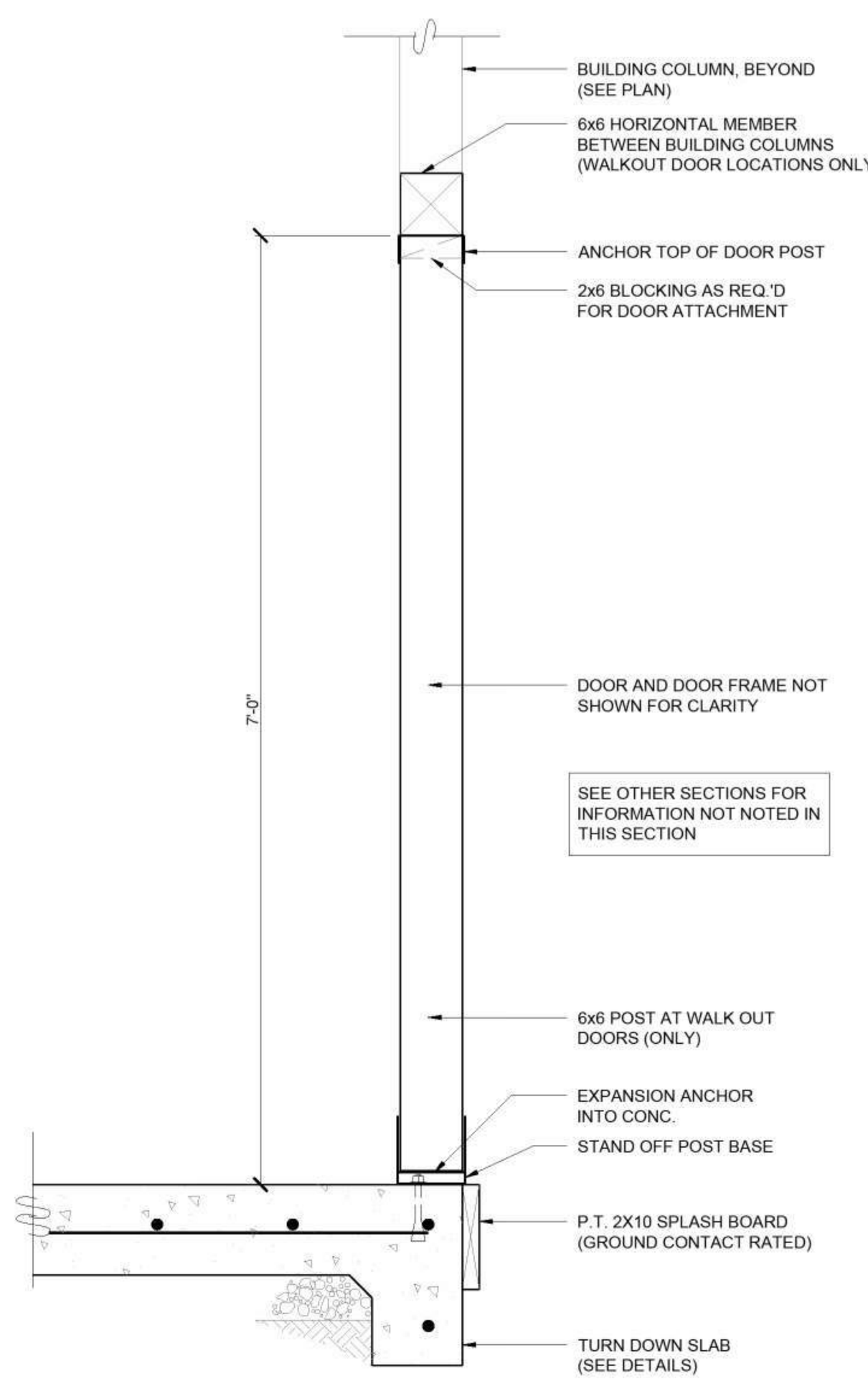
Wind Load: Basic Wind Speed 125 mph (ASCE-7-16); Exposure Category C

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ☐ C ☒ D

Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) ☐ I ☐ II ☐ III ☒ IV
Spectral Response Acceleration S_S .237 %g S_1 .089 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
Data Source: ☐ Field Test ☒ Presumptive ☐ Historical Data
Basic structural system ☐ Bearing Wall ☐ Dual w/Special Moment Frame
☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel
☐ Moment Frame ☒ Inverted Pendulum
Analysis Procedure: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical, Components anchored? ☐ Yes ☒ No

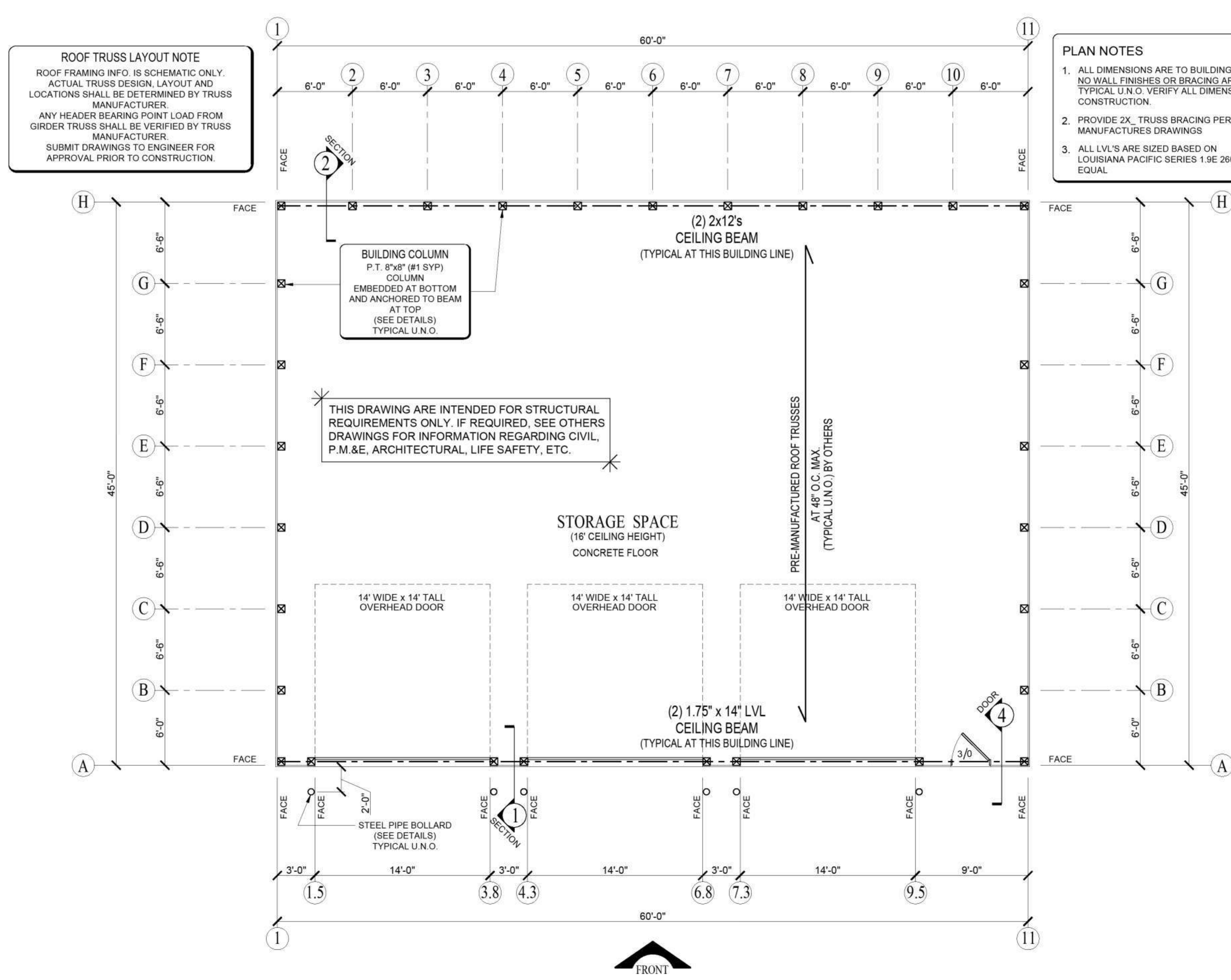
LATERAL DESIGN CONTROL: Earthquake ☐ Wind ☒

SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) ________ psf
Presumptive Bearing capacity 2,000 psf
Pile size, type, and capacity ________
Allowable Lateral Passive Pressure 250 psf/ft
A GEOTECHNICAL REPORT IS REQUIRED FOR THIS SITE TO VERIFY ALLOWABLE SOIL BEARING AND ALLOWABLE LATERAL PASSIVE PRESSURE MEETS THE ASSUMED VALUES.



4 TYPICAL WALK OUT DOOR FRAMING DETAIL
SCALE: 3/4"=1'-0"

ROOF TRUSS LAYOUT NOTE
ROOF FRAMING INFO. IS SCHEMATIC ONLY. ACTUAL TRUSS DESIGN, LAYOUT AND LOCATIONS SHALL BE DETERMINED BY TRUSS MANUFACTURER.
ANY HEADER BEARING POINT LOAD FROM GIRDER TRUSS SHALL BE VERIFIED BY TRUSS MANUFACTURER.
SUBMIT DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.



PLAN NOTES
1. ALL DIMENSIONS ARE TO BUILDING POST. NO WALL FINISHES OR BRACING ARE ASSUMED TYPICAL U.N.O. VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION.
2. PROVIDE 2X_ TRUSS BRACING PER MANUFACTURES DRAWINGS
3. ALL LVL'S ARE SIZED BASED ON LOUISIANA PACIFIC SERIES 1.9E 2600FB OR EQUAL

..\DTH-logo.jpg

DESIGNER
Phone: (704)-253-8080
eMail: DTHomeDesigns@GMail.Com

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION — SOLID ROCK STRUCTURAL PLLC No. 4586

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER — SCOTT M. ... No. 24108 — 3-20-26

STRUCTURAL ENGINEER
Solid Rock Structural PLLC
71 Glenn Hill Lane
Hiddenite, NC 28636
Phone: (704) 819-6415
email: Scott@Solidrockstructural.com

SQUARE FOOTAGE

Area (Unheated)	2700 S.F.
Total Under Roof -	2700 S.F.

REVISIONS

No:	Date	By:	Description
1	3-20-26	SMW	REVISION 1

Drawn By: DRG | Issue Date: 03.20.26

A STORAGE POLE BARN FOR:

LESSLIE FIRE DEPARTMENT STATION 2

2711 Reservation Road
Rock Hill, SC 29730

Plan Name/Number:
SRS 25-109 2020-250

Sheet Title:
STRUCTURAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

Sheet No.:
S3.0

CPL | Architecture Engineering Planning
325 W. McBee Ave Suite 300
Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION
Project Number
R25.18915.00
Client Name
YORK COUNTY
Project Name
LESSLIE FD STATION #2 GARAGE
Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

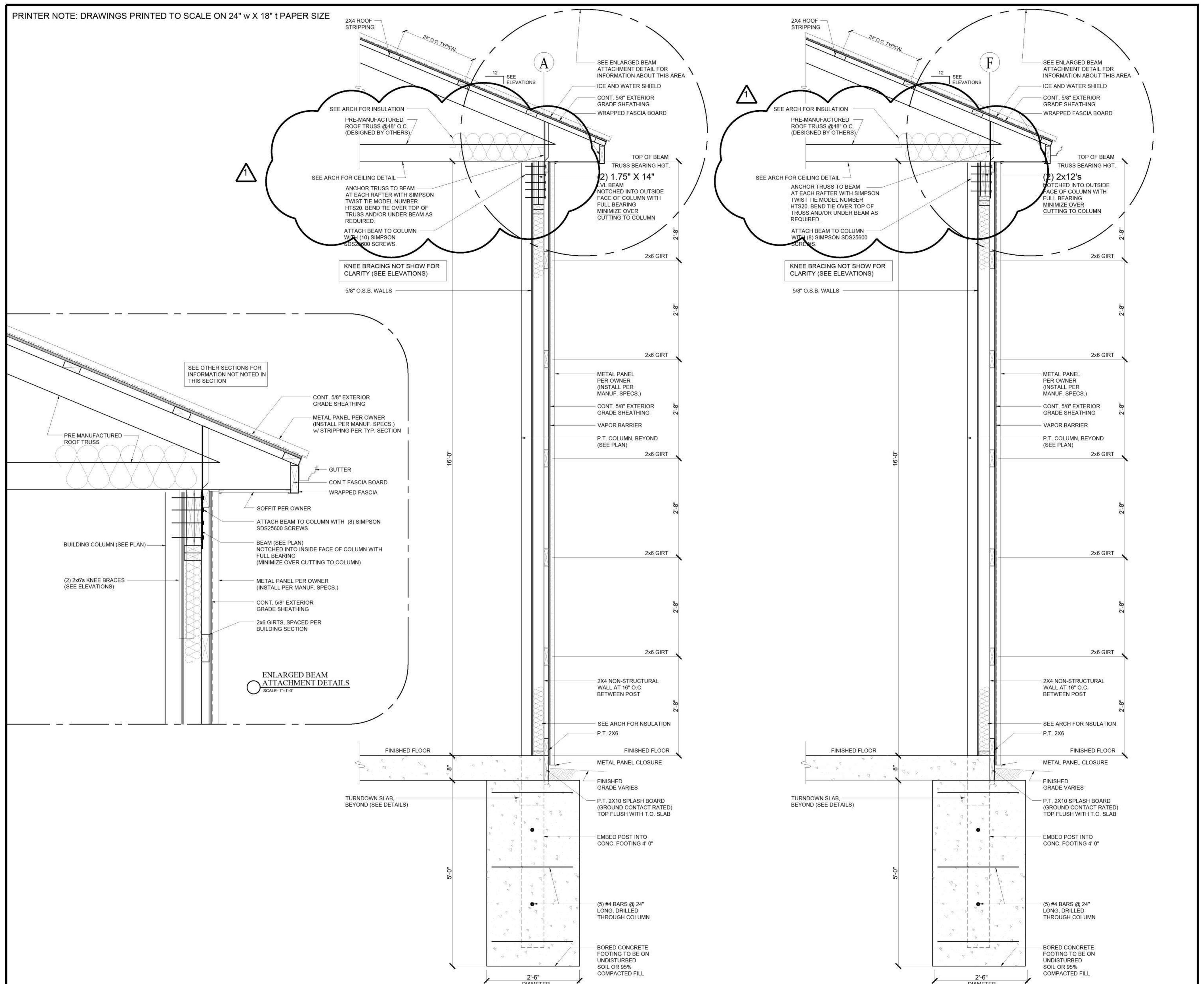
PROFESSIONAL STAMPS
STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC, Greenville, South Carolina, No. 00069

SHEET INFORMATION
Issued: 01/28/2026
Scale:
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: Author
Checked By: Checker
Drawing Title: STRUCTURAL FLOOR PLAN
Drawing Number

S3.0

3/26/2026 10:39:06 AM PROJECT FILES ON ACC

PRINTER NOTE: DRAWINGS PRINTED TO SCALE ON 24" w X 18" t PAPER SIZE



1 TYPICAL WALL SECTION AT EMBEDDED COLUMN LOCATIONS
SCALE: 5/8"=1'-0"

2 TYPICAL WALL SECTION AT EMBEDDED COLUMN LOCATIONS
SCALE: 5/8"=1'-0"

..\DTH-logo.jpg

DESIGNER
Phone: (704)-253-8080
eMail: DTHomeDesigns@GMail.Com

SOUTH CAROLINA SOLID ROCK STRUCTURAL PLLC No. 4586 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 24108 SCOTT M.
3-20-26

STRUCTURAL ENGINEER
Solid Rock Structural PLLC
71 Glenn Hill Lane
Hiddenite, NC 28636
Phone: (704) 819-6415
email: Scott@Solidrockstructural.com

SQUARE FOOTAGE

Area (Unheated)	2700 S.F.
Total Under Roof -	2700 S.F.

REVISIONS

No:	Date	By:	Description
1	3-20-26	SMW	REVISION 1

Drawn By: DRG | Issue Date: 03.20.26

A STORAGE POLE BARN FOR:

LESSLIE FIRE DEPARTMENT STATION 2

2711 Reservation Road
Rock Hill, SC 29730

Plan Name/Number:
SRS 25-109 2020-250

Sheet Title:
SECTIONS & DETAILS
SCALE AS NOTED

Sheet No.:
S4.0

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325 W. McBee Ave Suite 300
Greenville, SC 29601
CPLteam.com

York County South Carolina

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA CPL Architects, Engineers, Landscape Architects, Surveyors, DPC Greenville, South Carolina No. 00069 REGISTERED ARCHITECTS

SHEET INFORMATION

Issued
01/28/2026

Scale

Project Status
CONSTRUCTION DOCUMENTS

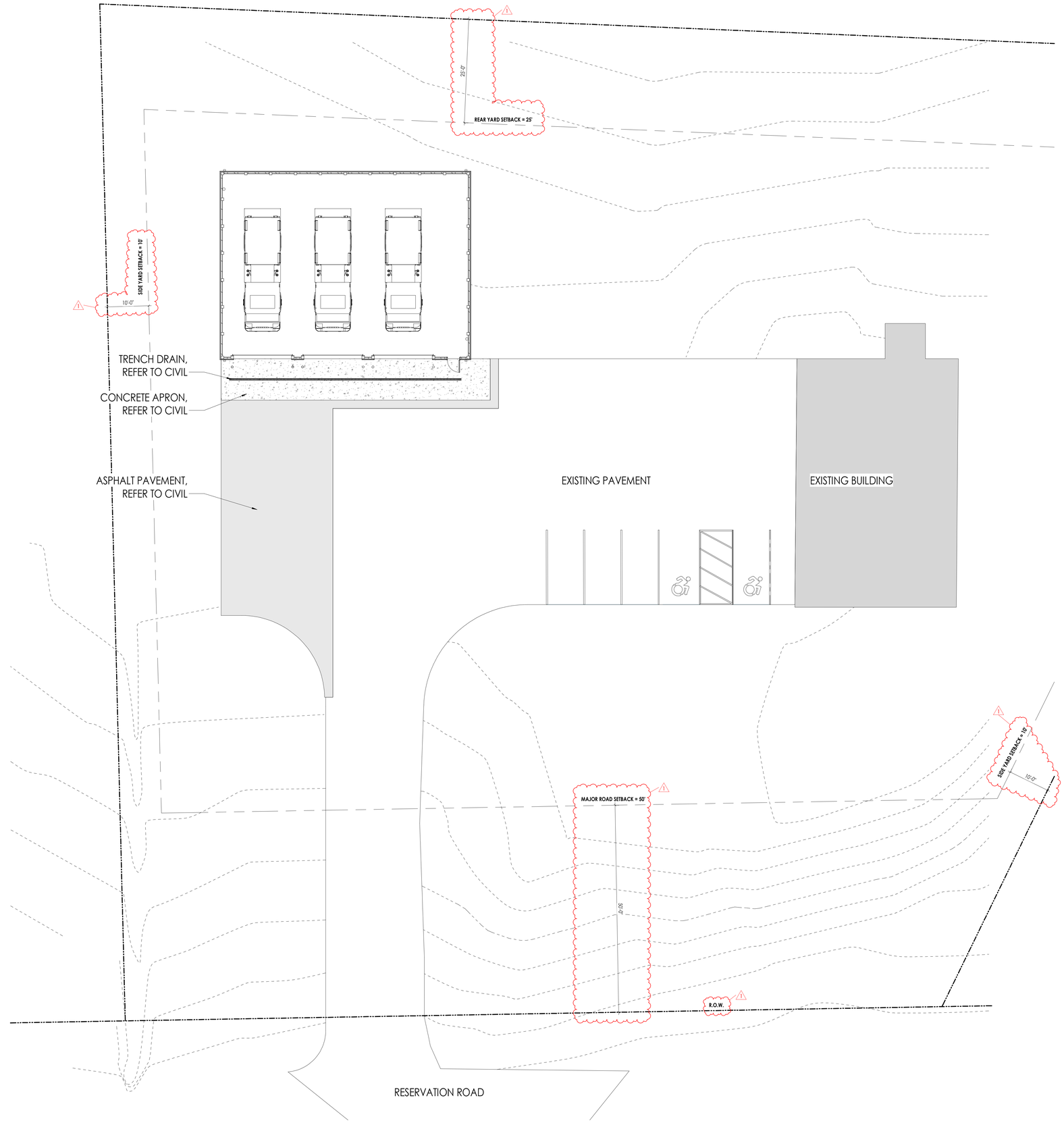
Drawn By
Author

Checked By
Checker

Drawing Title
SECTIONS & DETAILS

Drawing Number
S4.0

3/26/2026 10:39:07 AM
PROJECT FILES ON ACC



TRUE NORTH / PROJECT NORTH

1 A001 **SITE PLAN**

1" = 10'-0"

3/24/2026 10:38:32 AM PROJECT FILES ON ACC

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325 W. McBee Ave Suite 300
Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	3/20/2026	Revision 1

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA
CPL Architects, Engineers, Landscape Architects, Surveyors, DPC
Greenville, South Carolina
No. 00069
REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA
RACHEL FRANCESCA NILSON
Charlotte, NC
No. 37483
REGISTERED ARCHITECT
01/28/2026

SHEET INFORMATION

Issued
01/28/2026

Scale
1" = 10'-0"

Project Status
CONSTRUCTION DOCUMENTS

Drawn By
NAW

Checked By
AB

Drawing Title
SITE PLAN

Drawing Number
-
A001

ROOF COMPOSITION NOTES

1. **ROOF SYSTEM #1:**
   - **PRE-MANUFACTURED ROOF TRUSS**
   - **2X4 ROOF STRIPPING**
   - **5/8" EXTERIOR GRADE SHEATHING**
   - **ICE AND WATER SHIELD**
   - **METAL STANDING SEAM ROOF PANELS**

PLAN KEYED NOTES

F1	BOLLARD, REFER TO CIVIL FOR DETAILS
F2	K-STYLE ALUMINUM GUTTER WITH INSIDE HANGERS AND GUTTER GUARDS.
F3	DOWNSPOUT RECTANGULAR CAPACITY AS SPECIFIED. ENSURE SIZE OF DS WILL FIT INTO BOOT AT GRADE.
F4	TRENCH DRAIN. REFER TO CIVIL
F5	--
F6	--
F7	--
F8	--
F9	--
F10	--

ROOF PLAN LEGEND

- VTR — VENT THRU ROOF. PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- DUCT SUPPORT. PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- MECH. CURB (W/ CRICKET). PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS
- 1/4" / 1'-0" — ROOF SLOPE

SYMBOLS LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- 300-1 — DOOR TAG
- 1 / A — NEW COLUMN GRID LINE
- ROOM NAME / H1.234.2 / 150 SF — ROOM TAG
- 1 — REVISION NO. 1
- 1 / A300 — WALL SECTION MARK
- 2 / A701 — INTERIOR ELEVATION MARK
- DENOTES FINISH FLOOR GRADE ELEVATION
- 1 / A4.1 — VIEW REFERENCE
- 1i — EQUIPMENT SYMBOL (NUMBER)
- 1 / A300 — BUILDING SECTION MARK
- 3 / A301 — EXTERIOR ELEVATION MARK
- 1 / A4.1 — DETAIL FOR REFERENCE MARK
- 1 / 1.1A1.01 / G401 — VIEW REFERENCE WITH REFERRING VIEWS
- 2/A201

ROOF PLAN GENERAL NOTES

1. REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
2. PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE OF DECK TO MATCH.
3. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
4. ALL WOOD BLOCKING USED SHALL BE PRESSURE TREATED.
5. AT ALL ROOF DRAINS, CUT HOLE IN DECKING AND PROVIDE STRUCTURAL FRAME AS REQUIRED.
6. THE ROOF ELEVATIONS SHOWN ON THE PLAN ARE SHOWN TO ESTABLISH RELATIVE HEIGHTS OF THE INDIVIDUAL ROOFS.
7. NO WEEP HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
8. MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
9. PROVIDE CRICKETS FOR WATER DIVERSION AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO THE SLOPE OF THE INSULATION/SLOPED STRUCTURE.
10. ALL ROOF TOP UNITS SHALL BE MOUNTED ON 14" MIN. INSULATED METAL CURBS. PROVIDE TAPERED INSULATION CRICKETS AS REQUIRED TO SHED WATER. WOOD BLOCKING SHALL BE PROVIDED SO CURBS ARE 8" ABOVE FINISHED ROOF SURFACE.
11. PROVIDE WOOD BLOCKING AS REQUIRED TO MEET THE HIGH POINT (HP)OF THE INSULATION AT ROOF EDGES. THE ROOF EDGE HEIGHT SHALL NOT VARY UNLESS NOTED OTHERWISE. ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE -TREATED.
12. ALL SADDLES AND CRICKETS ARE TO HAVE A MIN. 1/4" PER FOOT SLOPE AS INDICATED. PROVIDE CRICKETS FOR DIVERSION OF WATER AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO SLOPE OF INSULATION.
13. AT ALL MECHANICAL EQUIPMENT, PROVIDE SLOPED INSULATION AS REQUIRED TO DRAIN ROOF WATER AWAY FROM HIGH SIDE OF CURBS.
14. ALL ROOFS TO HAVE MINIMUM R-VALUE OF R-38.
15. UPON COMPLETION OF WORK, THE PLUMBING CONTRACTOR SHALL SNAKE OUT ALL ROOF DRAINS AND VERIFY ALL ARE CLEAR AND LEFT IN A FREE-FLOWING CONDITION.
16. ALL CURBS FOR MECHANICAL EQUIPMENT SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR. ASSOCIATED ROOF/FLASHING BY GENERAL CONTRACTOR.
17. THE INSTALLED ROOFING SYSTEM SHALL MEET ALL REQUIREMENTS FOR CLASSIFICATION AS A UL CLASS "A" ROOF ASSEMBLY.
18. PROVIDE AND APPLY ADHESIVE VAPOR BARRIER TO ALL ROOF SURFACES AT THE BEGINNING OF CONSTRUCTION. ADHESIVE VAPOR BARRIER SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.

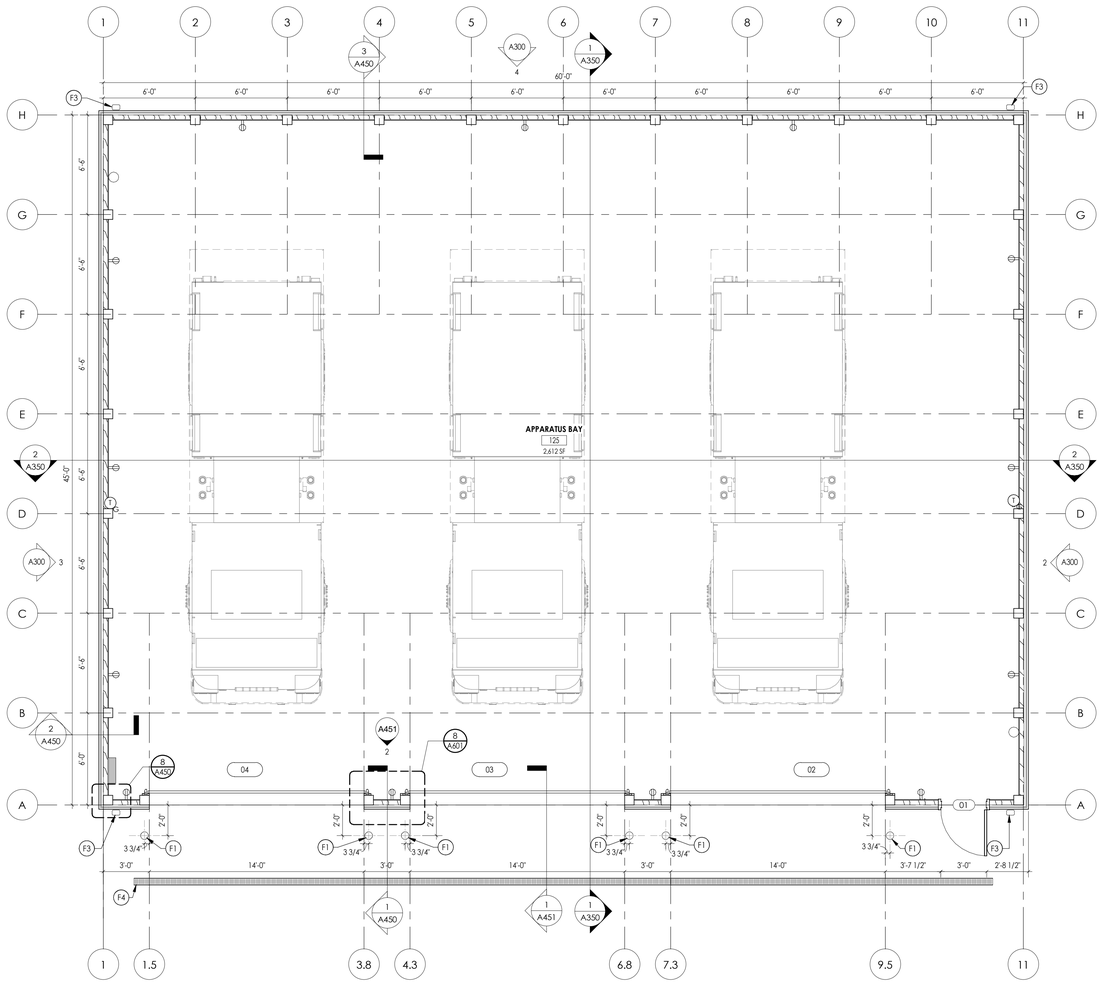
FLOOR PLAN GENERAL NOTES

1. CONTRACTOR TO PROVIDE ADEQUATE WALL BLOCKING FOR ALL WALL-MOUNTED CABINETS, FIXTURES, ACCESSORIES, AND EQUIPMENT, INCLUDING ITEMS FURNISHED BY OTHERS. REFER TO TYPICAL FIXTURE AND ACCESSORY LEGENDS.
2. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
3. EQUIPMENT SHOWN ON THESE DOCUMENTS IS FOR REFERENCE ONLY AND IS FOR COORDINATION OF REQUIRED MEP INFRASTRUCTURE. REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATIONS.
4. ALL FURNITURE IS PROVIDED BY OWNER, UNLESS NOTED OTHERWISE.
5. CONSULT WITH ARCHITECT TO FINALIZE LOCATIONS OF ANY EXPOSED CONTROL JOINTS PRIOR TO INSTALLATION.
6. ALL QUANTITIES / SQUARE FOOTAGES SHOWN ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED BY THE CONTRACTOR.

ROOF DRAINAGE

SMACNA 7TH ED.
GUTTERS

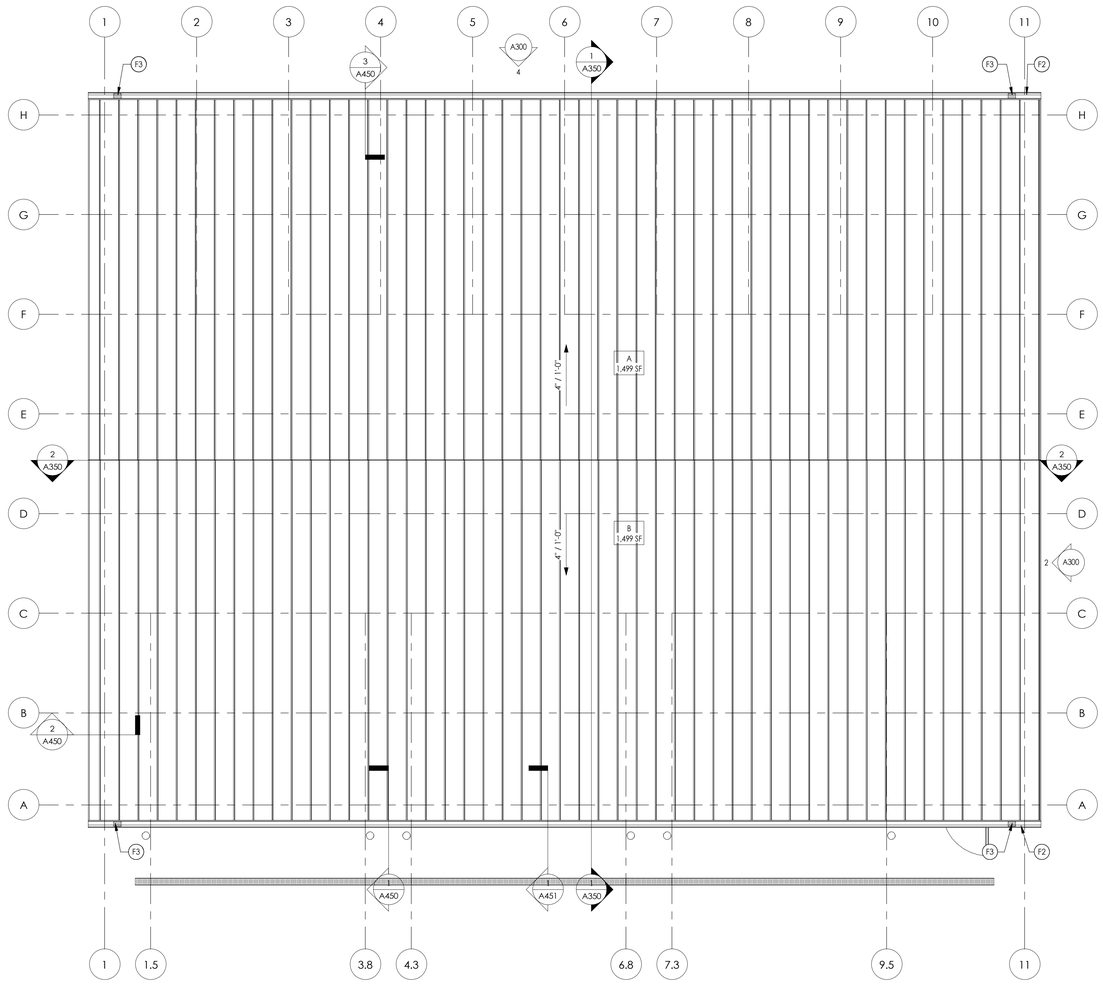
ROOF	AREA	GUTTER (L)	GUTTER (SIZE)	DS SIZE MIN. REQ	DS SIZE
A	1499	60'-7"	5"X6.5"	3"X4"	4"X5"
B	1499	60'-7"	5"X6.5"	3"X4"	4"X5"



TRUE NORTH / PROJECT NORTH

2 / A200 **LEVEL 1 FLOOR PLAN - OVERALL**

1/4" = 1'-0"



TRUE NORTH / PROJECT NORTH

1 / A200 **ROOF PLAN - OVERALL**

1/4" = 1'-0"

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PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES — YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC — Greenville, South Carolina — No. 00069 — REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA — RACHEL FRANCESCA NILSON — Charlotte, NC — No. 37483 — REGISTERED ARCHITECT

01/28/2026

SHEET INFORMATION

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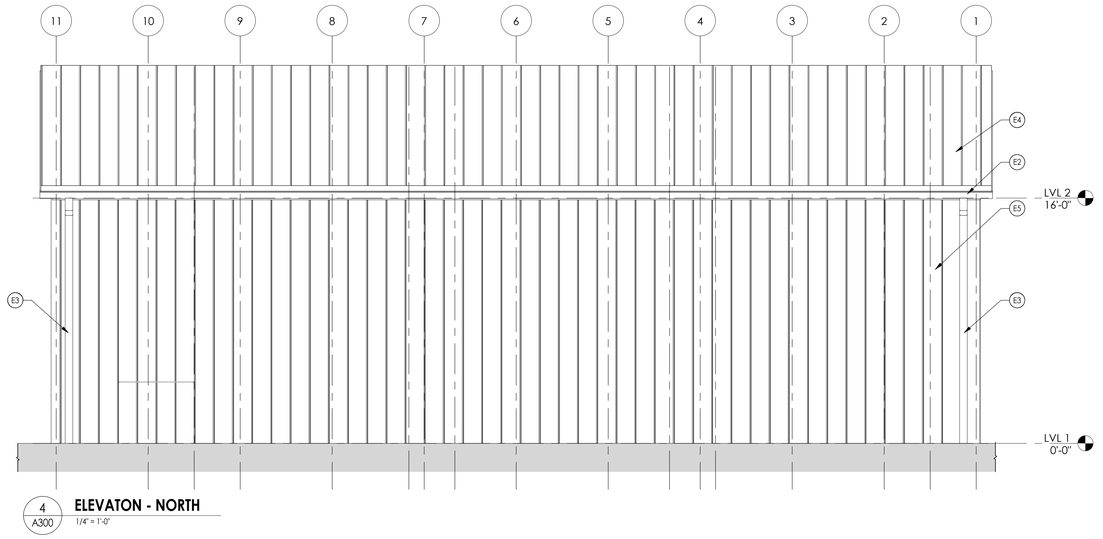
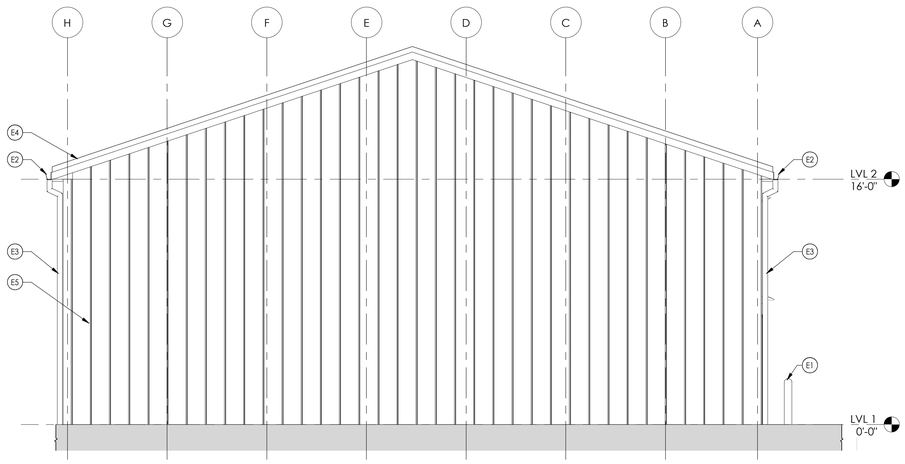
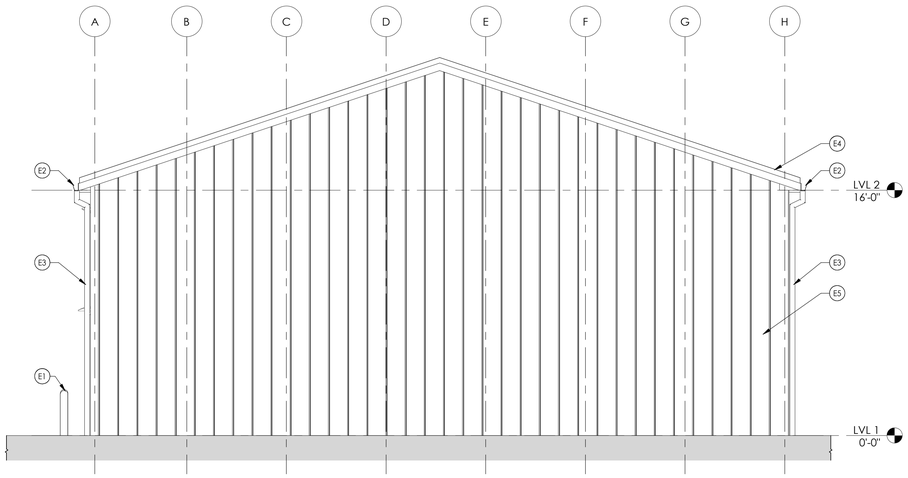
Checked By: AB
Drawing Title: LEVEL 1 FLOOR PLAN AND ROOF PLAN
Drawing Number: A200



4 A300 **ELEVATON - NORTH**
1/4" = 1'-0"



3 A300 **ELEVATION - WEST**
1/4" = 1'-0"



2 A300 **ELEVATION - EAST**
1/4" = 1'-0"

1 A300 **ELEVATION - SOUTH**
1/4" = 1'-0"

ELEVATION GENERAL NOTES

1. REFER TO TYPES & SCHEDULES FOR ALL EXTERIOR OPENINGS.
2. PROVIDE ALL LOUVER OPENINGS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL SIZE AND LOCATION.
3. ARCHITECTURAL ELEVATION 0'-0" EQUALS CIVIL DATUM OF **XXX.XX'**
4. ABBREVIATIONS ARE AS FOLLOWS:
   - A. CJ CONTROL JOINT
   - B. SJ SOFT JOINT
   - C. EJ EXPANSION JOINT
   - D. BEJ BUILDING EXPANSION JOINT

ELEVATION LEGEND

- CAST STONE
- PRECAST CONCRETE
- SIDING 4", VERTICAL
- STANDING SEAM ROOF

ELEVATION KEYED NOTES

- E1 BOLLARD, REFER TO CIVIL FOR DETAILS
- E2 K-STYLE ALUMINUM GUTTER WITH INSIDE HANGERS AND GUTTER GUARDS.
- E3 DOWNSPOUT RECTANGULAR CAPACITY AS SPECIFIED. ENSURE SIZE OF DS WILL FIT INTO BOOT AT GRADE.
- E4 METAL STANDING SEAM ROOF
- E5 METAL PANEL SIDING
- E7 --
- E8 --
- E9 --
- E10 --

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Drawing Number
-
A300

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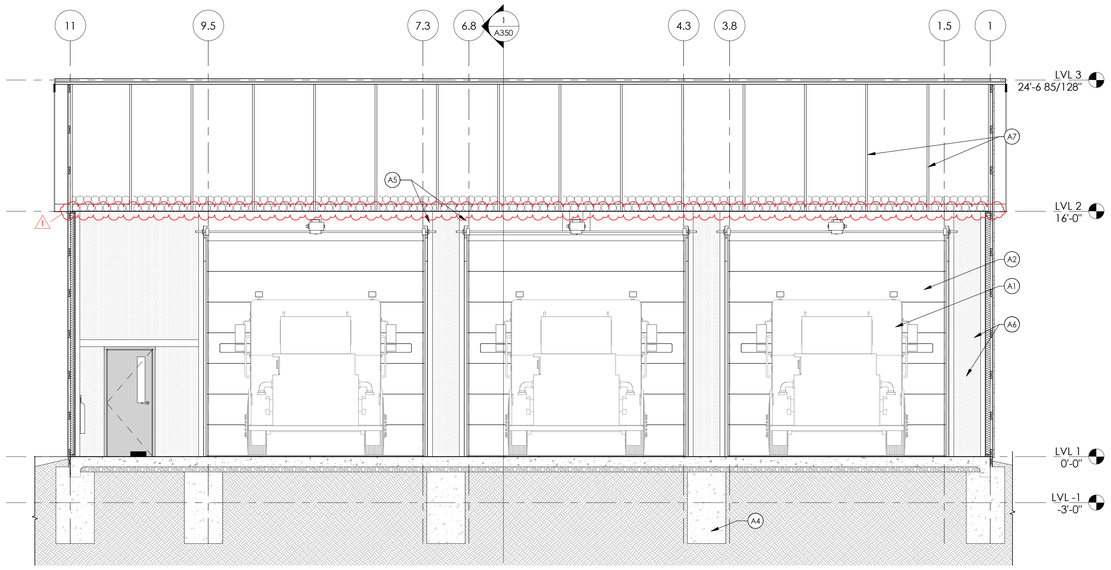
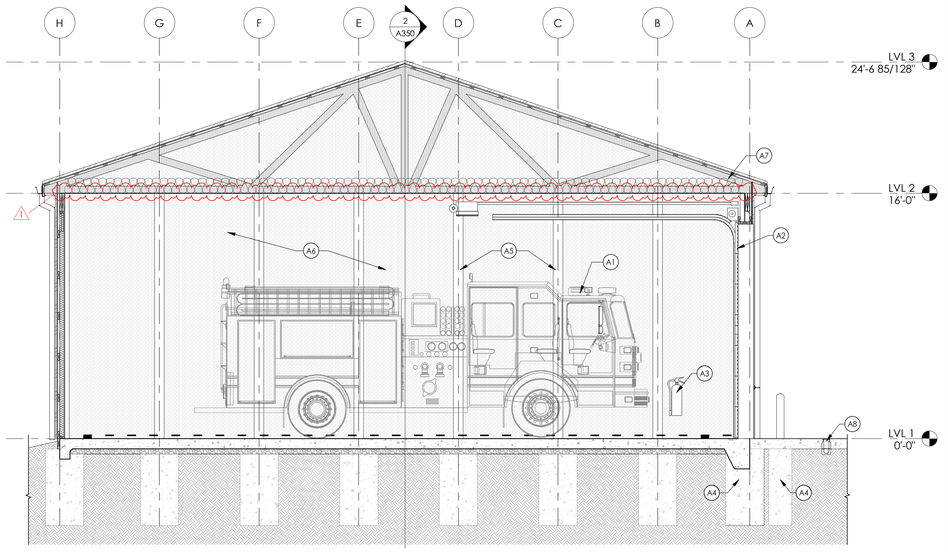
BUILDING SECTION KEYED NOTES

A1 TYPICAL FIRE ENGINE, NIC
A2 OVERHEAD DOOR
A3 FIRE EXTINGUISHER
A4 CONCRETE FOOTING BEYOND TYP., REFER TO STRUCTURAL
A5 8"x8" PT WOOD COLUMNS TYP., REFER TO STRUCTURAL
A6 OSB SHEATHING
A7 PRE-MANUFACTURED ROOF TRUSS, REFER TO STRUCTURAL
A8 TRENCH DRAIN, REFER TO CIVIL



2 A350 **BUILDING SECTION - B**
1/4" = 1'-0"



1 A350 **BUILDING SECTION - A**
1/4" = 1'-0"

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Charlotte, NC
No. 37493
REGISTERED ARCHITECT
01/28/2026

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AB
Drawing Title
BUILDING SECTIONS

Drawing Number
-
A350

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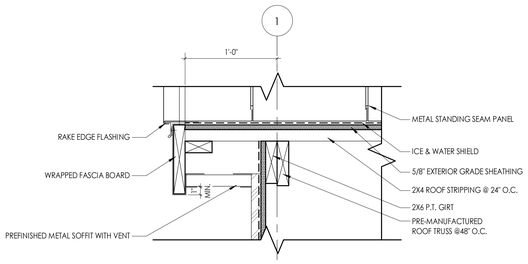
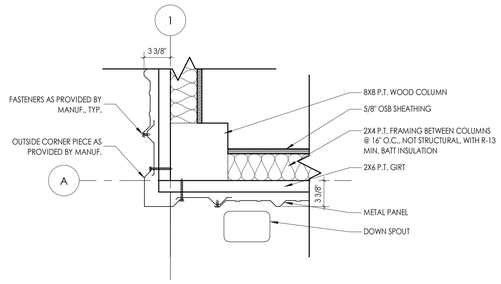
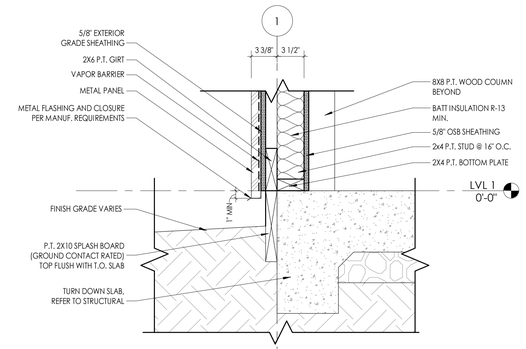


7 A450 **DETAIL - RAKE CONDITION**
1 1/2" = 1'-0"

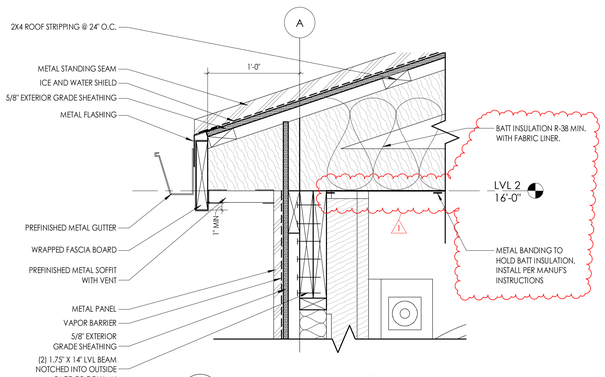


8 A450 **DETAIL - OUTSIDE CORNER**
1 1/2" = 1'-0"

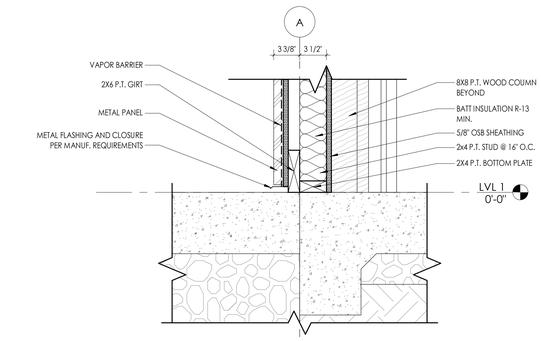


DETAIL - EXT. WALL BASE @ SIDE WALL WITH TURN DOWN

6 A450
1 1/2" = 1'-0"

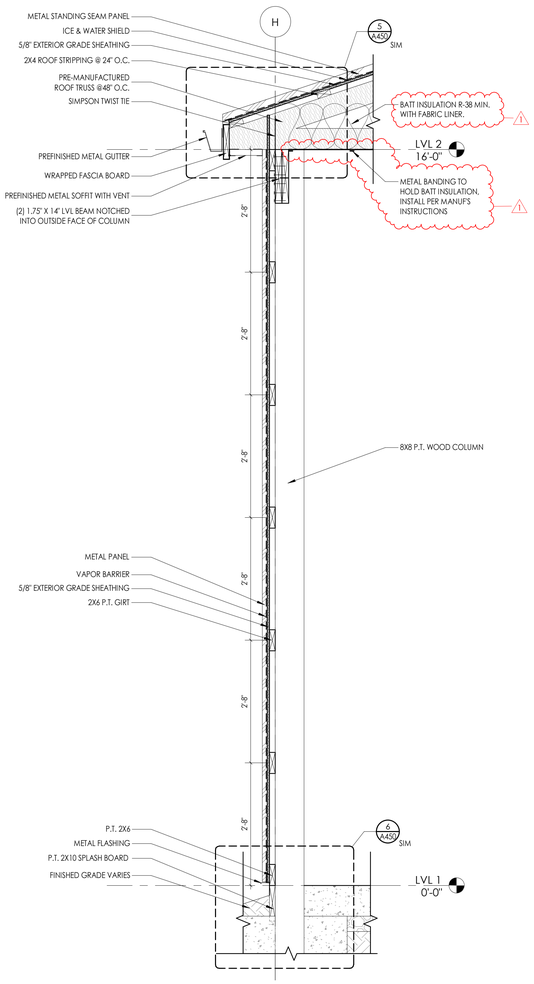


5 A450 **DETAIL - SOFFIT & GUTTER**
1 1/2" = 1'-0"

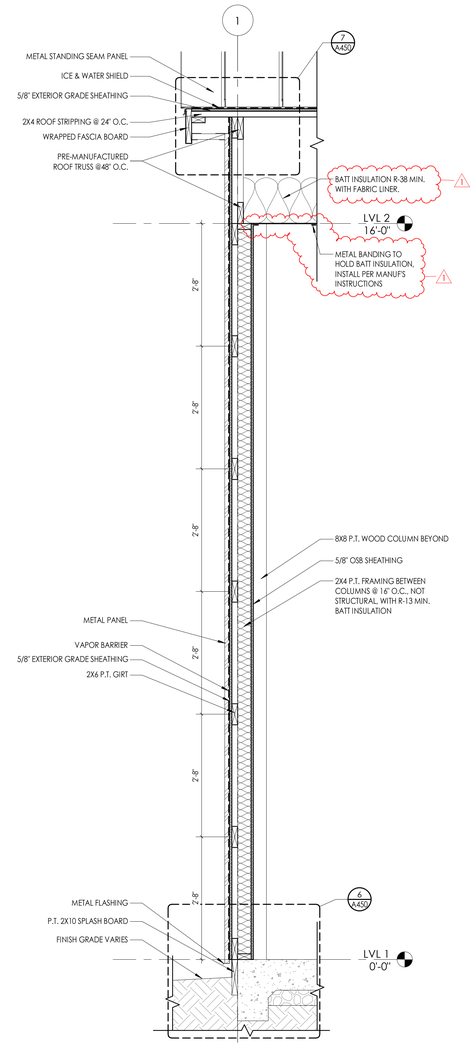


DETAIL - EXTERIOR WALL BASE CONDITION @ SIDEWALK

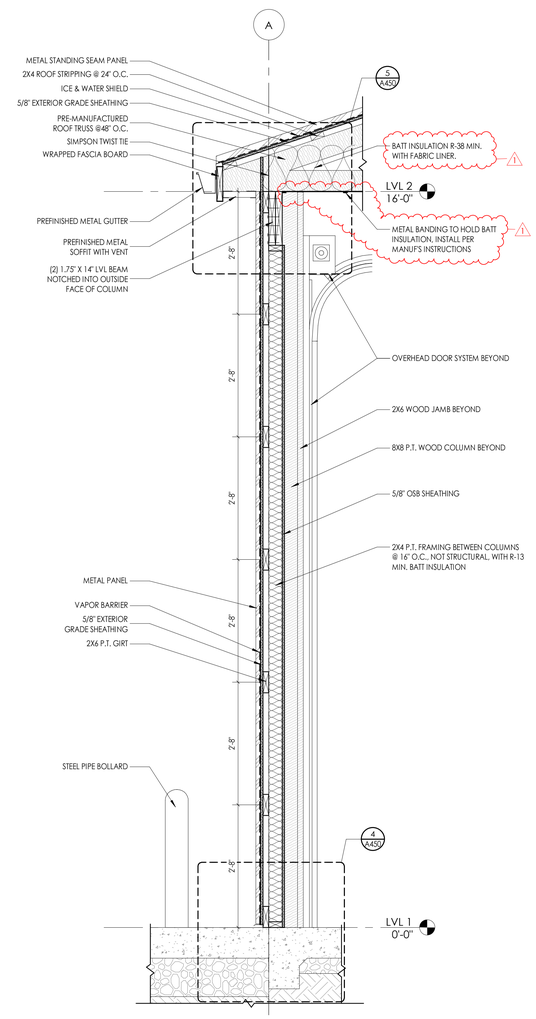
4 A450
1 1/2" = 1'-0"



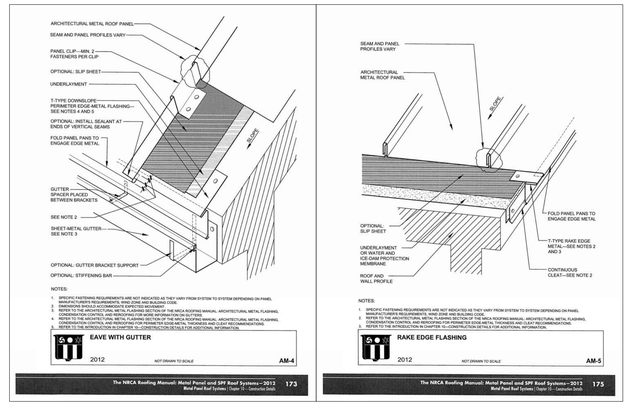
3 A450 **SECTION - BACK WALL & EMBEDDED COLUMN LOCATIONS**
3/4" = 1'-0"



2 A450 **SECTION - AT SIDE WALL**
3/4" = 1'-0"



1 A450 **SECTION - WALL SECTION TYP.**
3/4" = 1'-0"



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PROFESSIONAL STAMPS

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Drawing Number: A450

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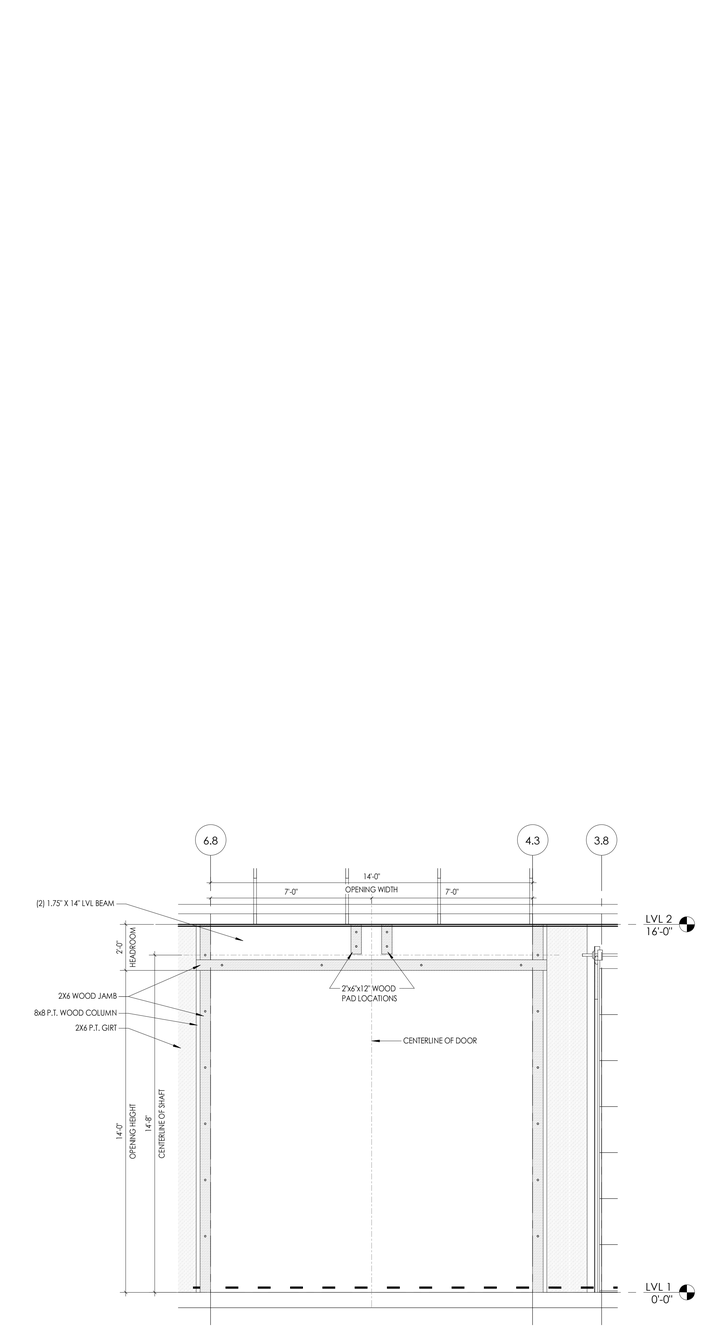
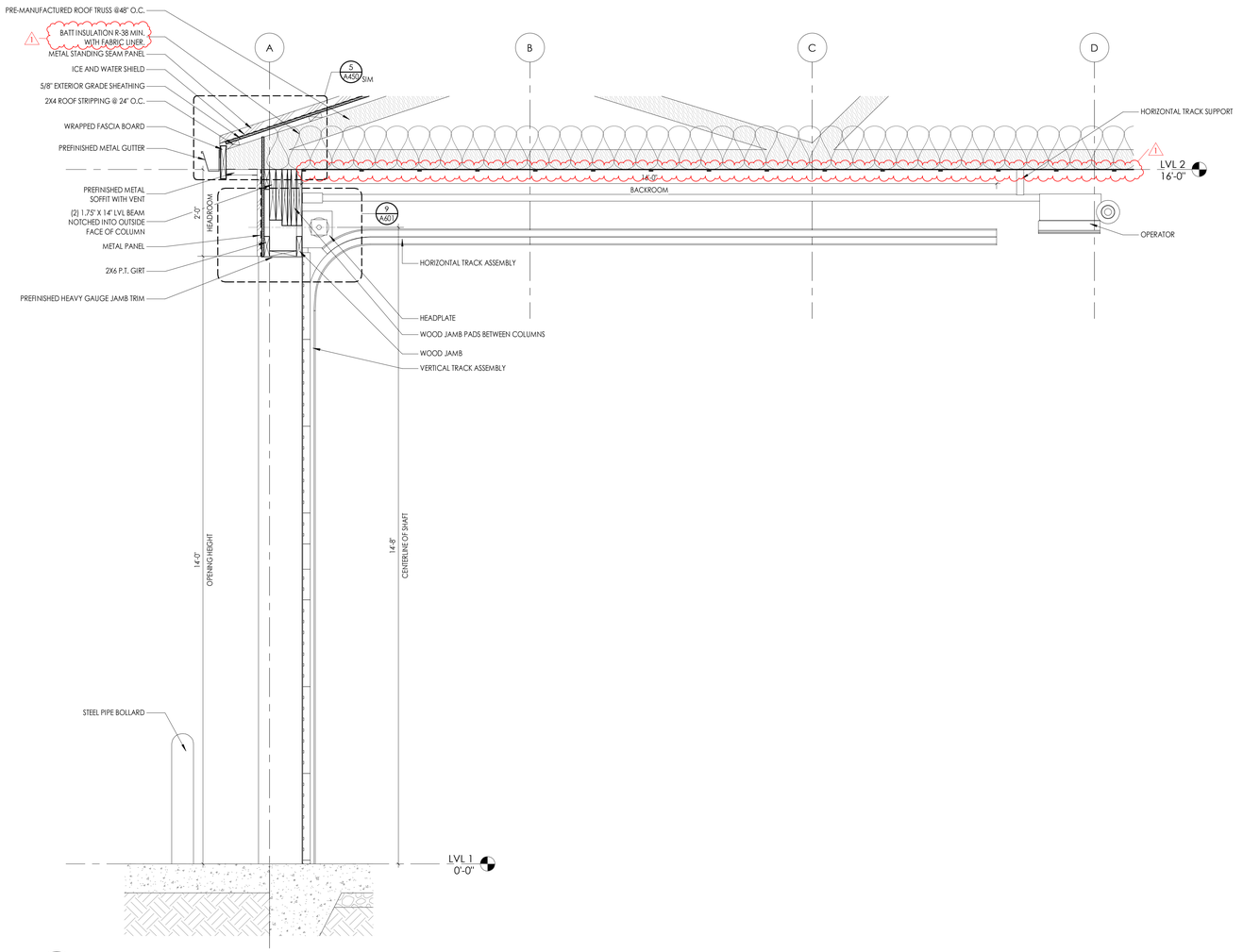


2 A451 **ELEVATION - OVERHEAD DOOR WOOD JAMBS**

3/8" = 1'-0"



1 A451 **SECTION - THROUGH GARAGE DOOR TYP.**

3/4" = 1'-0"

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Checked By
AB

Drawing Title
WALL SECTIONS & DETAILS

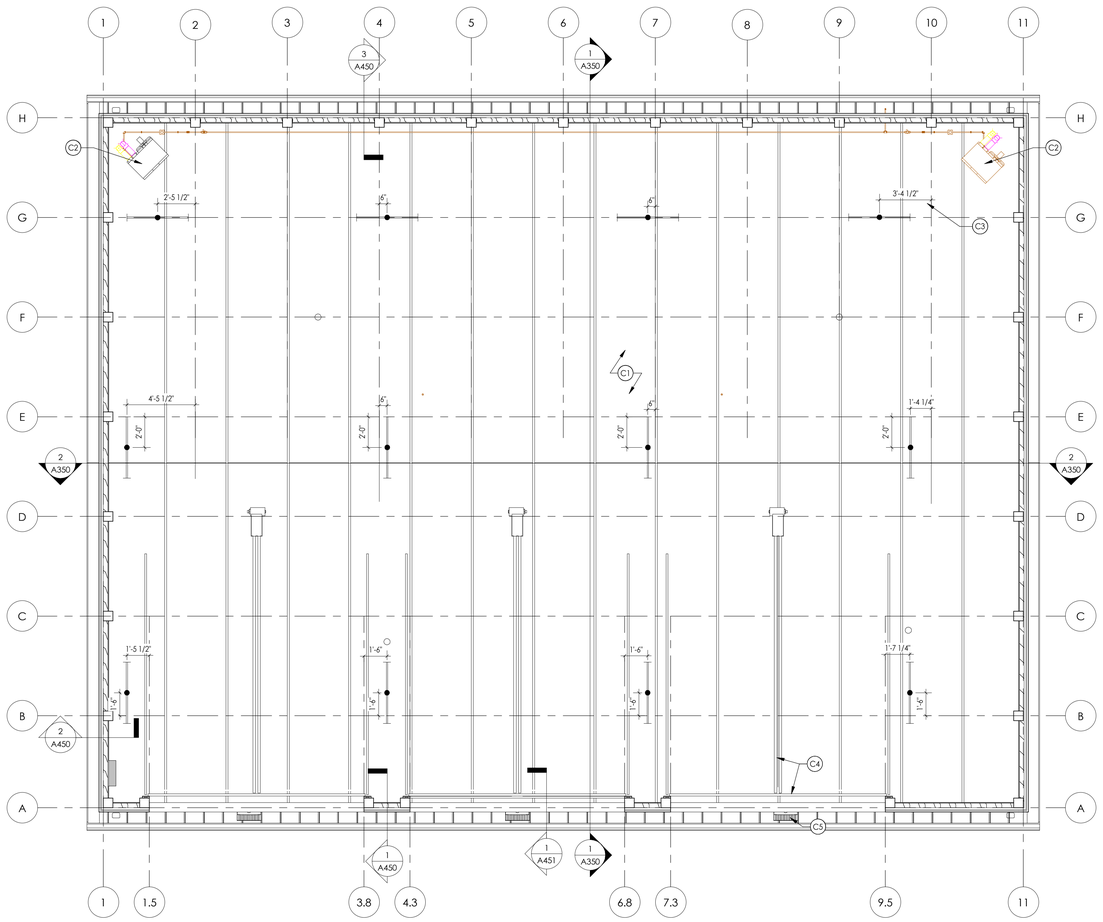
Drawing Number
A451

DOOR SCHEDULE- NEW

DOOR		DOOR PANEL									DOOR FRAME			DETAILS				
		PANEL TYPE		SINGLE PANEL DIMENSIONS			TOTAL PANEL DIMENSIONS											
				WIDTH		HEIGHT												
DOOR NUMBER	FIRE RATING (MIN)	PANEL 1	PANEL 2	PANEL 1	PANEL 2	PANELS 1 & 2	WIDTH	HEIGHT	THICKNESS	DOOR PANEL FINISH: SIDE 1 / SIDE 2	FRAME TYPE	FRAME DEPTH	FRAME FINISH	HEAD DTL	JAMB DTL	HW SET	GLAZING TYPE	COMMENTS
LVL 1																		
01		PNL-N-HM		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"		FRM-00HM1	0'-8 3/8"		5/A601	6/A601	01	G1	

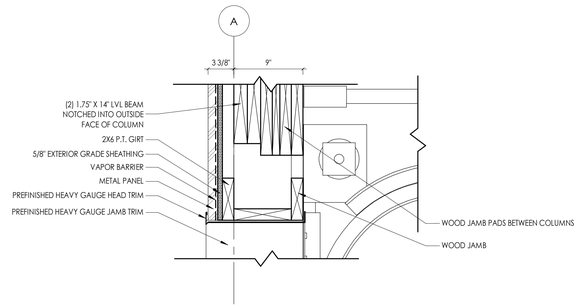
DOOR SCHEDULE- UNIT DOORS

DOOR	DOOR					DETAILS		
LEVEL	NUMBER	UNIT DOOR TYPE	FIRE RATING (MIN)	UNIT HEIGHT	UNIT WIDTH	HEAD	JAMB	COMMENTS
LVL 1								
LVL 1	02	OH3		14'-0"	14'-0"	9/A601	8/A601	
LVL 1	03	OH3		14'-0"	14'-0"	9/A601	8/A601	
LVL 1	04	OH3		14'-0"	14'-0"	9/A601	8/A601	

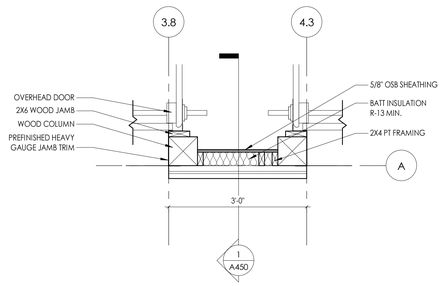


TRUE NORTH PROJECT NORTH

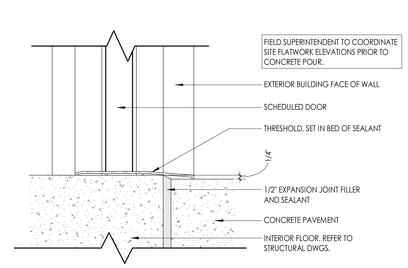
4 A601 **LEVEL 1 REFLECTED CEILING PLAN - OVERALL**
1/4" = 1'-0"



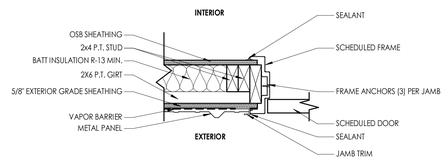
9 A601 **ENLARGED DETAIL - OVERHEAD DOOR HEAD**
1 1/2" = 1'-0"



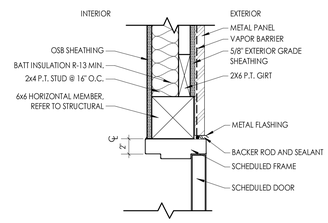
8 A601 **ENLARGED DETAIL - OVERHEAD DOOR JAMB DETAIL**
3/4" = 1'-0"



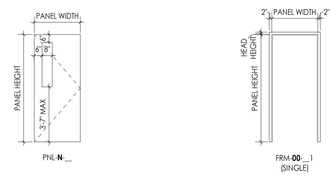
7 A601 **HM FRAME DOOR - SILL DETAIL**
3" = 1'-0"



6 A601 **HM DOOR JAMB DETAIL**
1 1/2" = 1'-0"



5 A601 **HM FRAME DOOR - HEAD DETAIL**
1 1/2" = 1'-0"



3 A601 **DOOR PANEL TYPES**
1/4" = 1'-0"

2 A601 **DOOR FRAME TYPES**
1/4" = 1'-0"

1 A601 **UNIT DOOR TYPES**
1/4" = 1'-0"

GENERAL CEILING NOTES

1. ANY DISCREPANCY BETWEEN THE REFLECTED CEILING PLAN AND THE FLOOR PLAN SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK.
2. FIRESTOP MECHANICAL, ELECTRICAL AND PLUMBING ITEMS, INCLUDING BUT NOT LIMITED TO DUCTWORK AND CONDUIT PENETRATIONS THROUGH FLOORS AND WALLS.
3. ALL ITEMS SHOWN ON ARCHITECTURAL CEILING PLANS ARE FOR REFERENCE ONLY AND ARE SHOWN TO COORDINATE ITEMS WITH CEILINGS. REFER TO MEP DWGS TO COORDINATE ALL CEILING MOUNTED ITEMS. ANY DISCREPANCY SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK.
4. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS AND GRILLE LOCATIONS, ELECTRICAL DRAWINGS FOR LIGHTING TYPES AND CONTROLS, AND FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD LOCATIONS.

DOOR AND FRAME NOTES

1. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT. INTERIOR AND EXTERIOR
2. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO BE VERIFIED IN FIELD AND COORDINATED WITH APPROVED SHOP DRAWINGS PRIOR TO FABRICATION.
3. SEE SCHEDULE FOR DOOR & FRAME MATERIAL
4. DESIGNER NOTE: HARDWARE INDICATED IS ILLUSTRATIVE OF DESIGN INTENT ONLY. CONTRACTOR TO WORK WITH VENDOR TO ENSURE COMPLETE WORKING SYSTEM.

DOOR AND FRAME SCHEDULE LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

DOOR OR FRAME MATERIAL		DOOR OR FRAME FINISH	
ACR	ACROVYN DOOR	PTD	PAINT
ACR-L	ACROVYN LEAD LINED DOOR	ST	WOOD STAIN
ALUM	ALUMINUM	AN	CLEAR ANODIZED
FRP	FIBERGLASS REINFORCED POLYMER	DB	DARK BRONZE (ANODIZED)
HM	HOLLOW METAL	SS	STAINLESS STEEL
HM-L	HOLLOW METAL LEAD LINED	BE	BAKED ENAMEL
IHM	INSULATED HOLLOW METAL		
WD	WOOD		
WD-L	WOOD LEAD LINED		

CEILING KEYED NOTES

C1	OSB SHEATHING
C2	HEATER, REFER TO MECHANICAL
C3	HIGH-BAY LIGHTS TYP., REFER TO ELECTRICAL
C4	OVERHEAD DOOR
C5	WALL PACK TYP., REFER TO ELECTRICAL

HARDWARE SETS

NOTES: REVIEW HARDWARE FUNCTIONS AND TYPES WITH OWNER/ OPERATOR AND ADJUST AS REQUIRED. MAINTAIN CLEAR EXITING TO THE EXTERIOR FOR EGRESS PATHWAYS. CORES TO BE INTERCHANGEABLE AND TO BE DIRECTED BY OWNER TO COMPLY WITH ALL OWNER STANDARDS.

HARDWARE SET #01
1.5 PAIRS OF 5 KNUCKLE HINGES
1 EXIT DEVICE
1 CYLINDER
1 SET OF DOOR SEALS
1 THRESHOLD

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PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

STATE OF SOUTH CAROLINA — CPL Architects, Engineers, Landscape Architects, Surveyors, DPC — Greenville, South Carolina — No. 00069 — REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA — RACHEL FRANCESCA NILSON — Charlotte, NC — No. 37483 — REGISTERED ARCHITECT

01/28/2026

SHEET INFORMATION

Issued	Scale
01/28/2024	As indicated

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
NAW	AB

Drawing Title
LEVEL 1 REFLECTED CEILING PLAN, DOOR SCHEDULE AND DETAILS

Drawing Number
A601

PROJECT FILES ON ACC
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MECHANICAL SYMBOLS LIST

SYMBOL	DESCRIPTION
	CONNECTION - TOP
	CONNECTION - BOTTOM
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	TEE OUTLET - UP
	TEE OUTLET - DOWN
	UNION
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	STRAINER
	STRAINER WITH BLOW-DOWN
	BUTTERFLY VALVE
	GLOBE VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	GAS COCK, PLUG VALVE
U/C	UNDERCUT DOOR 1"
M	AIR VENT - MANUAL
A	AIR VENT - AUTOMATIC
	FLANGE
	CONTROL/SOLENOIND VALVE, ELECTRIC 2-WAY
	CONTROL VALVE, ELECTRIC 3-WAY
	CONTROL VALVE, PNEUMATIC 2-WAY
	CONTROL VALVE, PNEUMATIC 3-WAY
	RELIEF / SAFETY VALVE
	PRESSURE REDUCING VALVE
V	VACUUM BREAKER
	FLEXIBLE PIPE CONNECTOR
	EXPANSION COMPENSATOR W/ GUIDES
	EXPANSION JOINT
	PIPE ANCHOR
	PIPE GUIDE
TT	THERMOSTATIC TRAP
FT	FLOAT & THERMOSTATIC TRAP
BT	BUCKET TRAP
TD	THERMODYNAMIC TRAP
	THERMOMETER
	WELL
	PRESSURE GAUGE
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
XX	PIPING
	PUMP

SYMBOL	DESCRIPTION
20X10	DUCT SECTION - SUPPLY
20X10	DUCT SECTION - RETURN
20X10	DUCT SECTION - EXHAUST
A" Ø	DUCT SECTION - ROUND DUCT IN INCHES
20/10	DUCT SECTION - FLAT OVAL DUCT IN INCHES
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
	FLEXIBLE CONNECTION
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER
VD	VOLUME DAMPER
	DAMPER CONTROL, PARALLEL BLADE
	DAMPER CONTROL, OPPOSED BLADE
AAD	AUTOMATIC AIR DAMPER
BDD	BACK DRAFT DAMPER
BG	BLAST GATE
12X10 / 12X10	AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
10X20	FLAT OVAL
	TURNING VANES
	EXISTING WORK TO BE REMOVED (HATCHED)
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	AIR FLOW SENSOR
	FILTER
	TRANSITION SQUARE TO ROUND
	HUMIDIFIER DISPERSION TUBE
RISE / R	RISE IN DUCT
DROP / D	DROP IN DUCT
	SQUARE OR RECTANGULAR CEILING DIFFUSER (4 WAY)
	CEILING DIFFUSER WITH SECTORIZING BAFFLE(S) (1 WAY, 2 WAY,3 WAY)
	ROUND CEILING DIFFUSER
	SQUARE OR RECTANGULAR CEILING RETURN GRILLE
	EXHAUST GRILLE
	SUPPLY REGISTER, RETURN OR EXHAUST GRILLE
	FAN
	AIR FLOW
X / XX	X = DIFFUSER OR GRILLE TYPE XX = AIR FLOW VALUE (CFM)
X XX / XXX	X = DIFFUSER OR GRILLE TYPE XX = CONNECTION SIZE XXX = AIR FLOW VALUE (CFM)

SYMBOL	DESCRIPTION
E/P	ELECTRIC/PNEUMATIC SWITCH OR RELAY
P/E	PNEUMATIC/ELECTRIC SWITCH OR RELAY
CT	CURRENT TRANSDUCER
O/C	OPEN/CLOSED
S/S	START/STOP
E/D	ENABLE/DISABLE
T	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
H	HUMIDITY SENSOR (DUCT MOUNTED)
F	FLOW TRANSMITTER
P	PRESSURE TRANSMITTER
ΔP	DIFFERENTIAL PRESSURE TRANSMITTER
I/P	ELECTRIC/PNEUMATIC TRANSDUCER
I/E	ELECTRIC/ELECTRONIC TRANSDUCER
	DUCT SMOKE DETECTOR
T	SPACE THERMOSTAT
T	SPACE TEMPERATURE SENSOR
CO_2	SPACE CARBON DIOXIDE SENSOR
CH_4	SPACE NATURAL GAS SENSOR
NO_x	NITROGEN OXIDES SENSOR
CO	SPACE CARBON MONOXIDE SENSOR
G	SPACE SENSOR WITH GUARD
H	SPACE HUMIDISTAT
FS	WATER FLOW SENSOR
P/A	PNEUMATIC ACTUATOR
E/A	ELECTRIC ACTUATOR
VSD VFD	VARIABLE SPEED / FREQUENCY DRIVE
C/C	COOLING COIL
H/C	HEATING COIL
G/F	GAS FURNACE
H	HUMIDIFIER
A	ALARM
S	STATUS
FS	FLOW SWITCH
ΔP	DIFFERENTIAL STATIC PRESSURE SWITCH
R	RELAY
	PRESSURE GAUGE
FZ	FREEZE-STAT
DI	DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
DO	DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AO	ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AI	ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)
	ELECTRICAL INTERFACE
SF	SPEED FEED BACK
	TRAVERSE AVERAGING SENSOR
	PROBE SENSOR
	FREEZE STAT SENSOR

SYMBOL	DESCRIPTION
24X12, 12X10, VD	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS — 24X12, 1-1/2 TIMES BRANCH SIZE, 12X10, VD
24X12, 8"Ø, VD	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS — 24X12, 1-1/2 TIMES BRANCH SIZE, 8"Ø, VD
14"Ø, 10"Ø, VD	SUPPLY AIR TAKEOFFS — 14"Ø, CONICAL TEE, 10"Ø, VD
14"Ø, 10"Ø, VD	SUPPLY AIR TAKEOFFS — 14"Ø, LATERAL, 10"Ø, VD
24X12, 6X12, 12X10, 18X12, 20X12	SUPPLY AIR TAKEOFFS — 24X12, 18X12, 12X10, 6X12, 20X12
24X12, 12X10, VD	SUPPLY/RETURN EXHAUST AIR TAKEOFFS W/ REGISTER/GRILLE/ DIFFUSER — 24X12, 12X10, VD
VD, VD	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS — VD, VD
VD, VD	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS — VD, VD
	LONG RADIUS 90° ELBOW R/W=1.5 — W, R
	LONG RADIUS 45° ELBOW R/W=1.5 — W, R
	90° ELBOW WITH TURNING VANES
18X16, 18X8, 18X8	90 VERTICAL SPLIT OFF (PLAN VIEW) — 18X8, 18X16, 18X8
20X10, 20X10, 20X10	DUCT TURNING UP OR DOWN — 20X10

SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER
ACC	AIR-COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BD	BACKDRAFT DAMPER
CA	COMPRESSED AIR
CD	COOLING COIL CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ERHC	ELECTRIC REHEAT COIL
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
F&T	FLOAT AND THERMOSTATIC TRAP
FCU	FAN-COIL UNIT
FPM	FEET PER MINUTE
GC	GENERAL CONTRACTOR
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HPS	HIGH PRESSURE STEAM
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MC	MECHANICAL CONTRACTOR
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
RA	RETURN AIR
RHC	HOT WATER REHEAT COIL
RLL	REFRIGERANT LIQUID PIPE
RSL	REFRIGERANT SUCTION PIPE
RTU	ROOFTOP UNIT
RV	ROOF VENT
SA	SUPPLY AIR
SHWR	SECONDARY HEATING HOT WATER RETURN
SHWS	SECONDARY HEATING HOT WATER SUPPLY
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)
TC	TEMPERATURE CONTROLS CONTRACTOR
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT
WWHP	WATER-TO-WATER HEAT PUMP

MECHANICAL GENERAL NOTES

1. MAINTAIN CLEARANCE OF A MINIMUM OF 6" BETWEEN DUCTWORK, PIPING, EQUIPMENT, ETC. AND ALL RATED WALL ASSEMBLIES TO ALLOW FOR INSPECTIONS OF RATED WALLS.
2. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED VERTICAL AND HORIZONTAL ASSEMBLIES SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED LOCATIONS.
3. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.
4. UNLESS NOTED OTHERWISE IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO MODIFY AND PATCH ROOFING AND ROOF DECKS AS NECESSARY TO INSTALL NEW EQUIPMENT SUPPORTS, PIPING PORTALS, CURBS AND RAILS. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO PATCH ROOFING AND DECKS WHEN DEMOLISHING ROOF MOUNTED EQUIPMENT. COORDINATE WITH THE OWNER AND EXISTING ROOFING MANUFACTURERS TO MAINTAIN THE WARRANTIES ON ALL ROOFS. ALL ROOFING WORK TO BE PERFORMED BY CERTIFIED ROOFING CONTRACTOR. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE STRUCTURAL FRAMING ASSOCIATED WITH THE WORK IN THIS CONTRACT. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF AND DECK TYPES AND FRAMING DETAILS. PROVIDE STRUCTURAL FRAMING FOR EQUIPMENT AND ROOF OPENINGS. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
5. INSTALLATION OF ALL MECHANICAL EQUIPMENT RAILS AND CURBS SHALL CONFORM TO THE WIND RESTRAINT REQUIREMENTS APPLICABLE BUILDING CODE AND THIS PROJECT.

MECHANICAL DESIGN CRITERIA

TEMPERATURE DESIGN

CONDITION	CRITERIA	COMMENTS
SUMMER (COOLING): OUTSIDE AIR DESIGN	94.3°F/74.7°F	DERIVED FROM ASHRAE FUNDAMENTALS 2025 - ROCK HILL, SC
WINTER (HEATING): OUTSIDE AIR DESIGN	20.8°F	DERIVED FROM ASHRAE FUNDAMENTALS 2025 - ROCK HILL, SC
INDOOR DESIGN: GENERAL OCCUPIED	75°F COOLING 70°F HEATING	RELATIVE HUMIDITY: 50%

SEISMIC DESIGN

1. SEISMIC DESIGN CATEGORY: D
2. PROVIDE SEISMIC AND WIND RESTRAINTS IN ACCORDANCE WITH BUILDING CODE. REFER TO STRUCTURAL DRAWINGS FOR SEISMIC AND WIND CRITERIA. SELECTION AND DESIGN OF SEISMIC AND WIND RESTRAINT SYSTEMS SHALL BE BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA.

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York County South Carolina

PROJECT INFORMATION
Project Number: R25.18915.00
Client Name: YORK COUNTY
Project Name: LESSLIE FD STATION #2 GARAGE
Project Address: 2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE
Date Description

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS
SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 16220 GREGORY A. KYZER 1-28-26 18915
SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION CPL No. 2227

SHEET INFORMATION
Issued: 01/28/2026
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Project Status: CONSTRUCTION DOCUMENTS
Drawn By: LBS
Checked By: GAK
Drawing Title: HVAC SYMBOLS LEGEND AND CONTRACTOR NOTES
Drawing Number: - H000

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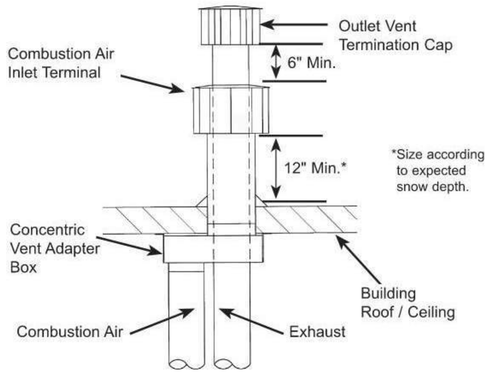


2 H200

CONCENTRIC VENT DETAIL

6" = 1'-0"

UNIT HEATER SCHEDULE (GAS)

TAG	LOCATION	MANUFACTURER	MODEL	GAS TYPE	CAPACITY INPUT/OUTPUT (MBH)	AIR FLOW (CFM)	INTAKE	FLUE	ELECTRICAL				WEIGHT (LBS)	NOTES
									V	HZ	PH	MCA		
UH-1	CEILING	MODINE	HOTDAWG HDS 60	NG	60.0/49.2	990	4"	4"	115	60	1	3.3	80.0	ALL
UH-2	CEILING	MODINE	HOTDAWG HDS 60	NG	60.0/49.2	990	4"	4"	115	60	1	3.3	80.0	ALL

NOTES

1. PROVIDE WITH DISCONNECT.
2. PROVIDE WITH SINGLE STAGE GAS VALVE.
3. PROVIDE WITH CONCENTRIC VENT KIT AND VENT CAP.
4. PROVIDE WITH THERMOSTAT.
5. PROVIDE WITH MOUNTING KIT TO MOUNT FROM STRUCTURE.
6. UNIT TO HAVE PROPELLER FAN AND SEPARATED COMBUSTION.

NOTE: MODINE IS THE BASIS OF DESIGN. OTHER ACCEPTABLE MANUFACTURERS INCLUDE BEACON MORRIS, DETROIT RADIANT AND REZNOR.

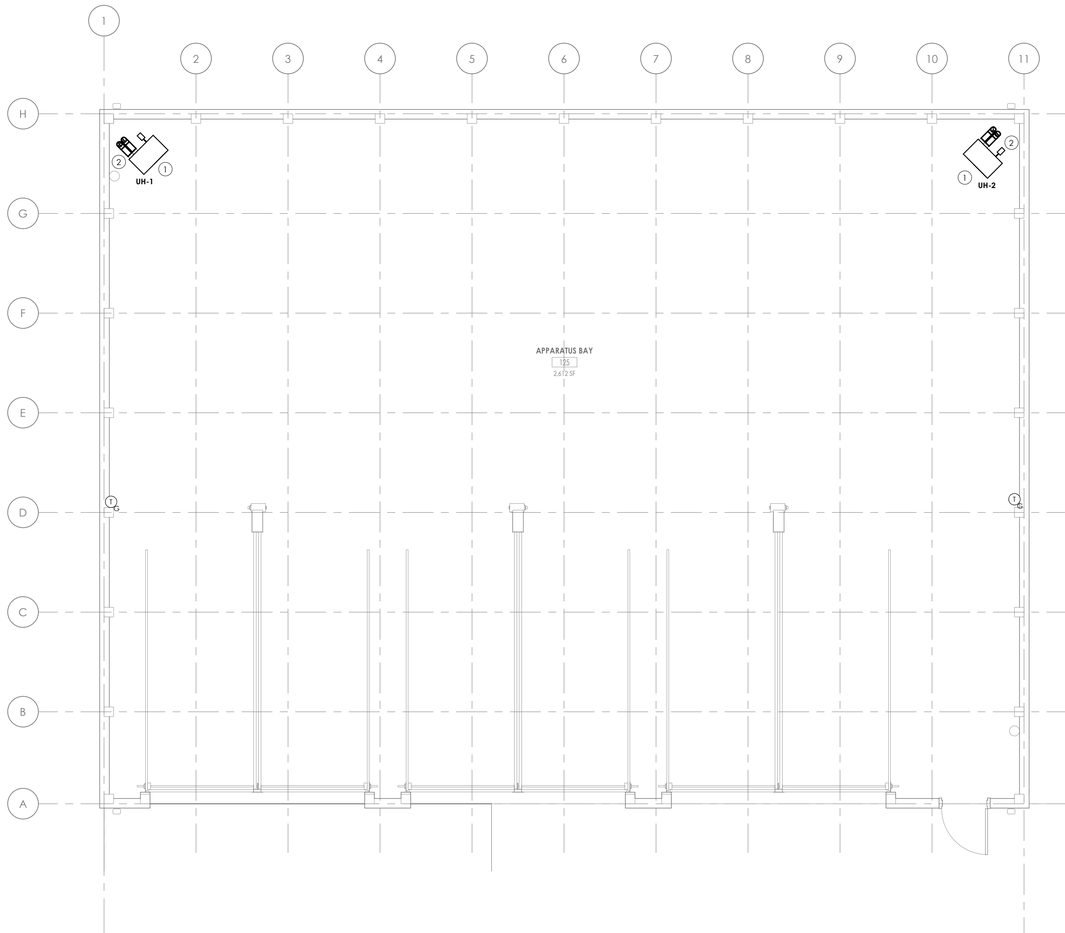
SPECIFICATIONS:

GENERAL

1. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS ARE TO DESCRIBE THE INSTALLATION OF A COMPLETE, FULLY ADJUSTED, AND OPERATIONAL SYSTEM.
2. THE CONTRACTOR SHALL PROVIDE ALL SUPERVISION, LABOR, MATERIAL, EQUIPMENT, MACHINERY, AND ANY AND ALL OTHER ITEMS NECESSARY TO COMPLETE THE SYSTEMS.
3. ALL WORK UNDER THIS SECTION SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
4. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING HIS BID SO AS TO BE THOROUGHLY FAMILIAR WITH THE JOB CONDITIONS AND OR PECULIARITIES. NO EXTRA PAYMENT WILL BE ALLOWED FOR ANYTHING WHICH COULD HAVE BEEN ANTICIPATED FROM A VISIT TO THE SITE.
5. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING BID AND COMMENCING WORK. ALL DISCREPANCIES AND INTERFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
6. THE CONTRACTOR SHALL CONTACT LOCAL UTILITIES TO OBTAIN ALL REQUIREMENTS, APPROVAL AND PERMITS. THE CONTRACTOR SHALL PAY ALL FEES REQUIRED FOR THE INSTALLATION OF THEIR WORK.
7. THE DRAWINGS ARE DIAGRAMMATIC ONLY. THE CONTRACTOR MAY NEED TO MAKE FIELD ADJUSTMENTS TO ACCOMMODATE ACTUAL FIELD CONDITIONS. CONTACT ARCHITECT FOR HIS APPROVAL FOR ANY ADJUSTMENTS THAT WILL CHANGE THE "EXPOSED TO VIEW" APPEARANCE OF ANY GIVEN AREA OR IF THE CHANGE IMPACTS PERFORMANCE.
8. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE GENERAL CONSTRUCTION OF THE BUILDING, FOR FLOORS AND CEILING HEIGHTS, FOR LOCATIONS OF WALLS, PARTITIONS, BEAMS, ETC.
9. THE CONTRACTOR SHALL REVIEW THE EQUIPMENT REQUIREMENTS PRIOR TO BEGINNING WORK TO VERIFY ALL REQUIRED CONNECTIONS AND CONTACT THE ENGINEER TO CLARIFY ANY DISCREPANCIES.
10. THE CONTRACTOR SHALL VERIFY ALL LISTED MODEL NUMBERS WITH MANUFACTURERS TO INSURE PROPER APPLICATION OF EQUIPMENT.
11. EQUIPMENT AND MATERIALS SHALL BE HANDLED, STORED AND PROTECTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
12. GUARANTEE: CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT AND WORKMANSHIP FOR A PERIOD OF 12 MONTHS AFTER DATE OF FINAL ACCEPTANCE. ALL GUARANTEE FAILURES SHALL BE CORRECTED OR REPLACED BY CONTRACTOR AS SOON AS POSSIBLE AFTER NOTIFICATION OF SUCH FAILURE. ADDITIONAL GUARANTEES/WARRANTIES MAY BE REQUIRED.
13. OPERATING AND MAINTENANCE MANUALS: FURNISH OWNER THREE COMPLETE BOOKLETS CONTAINING EQUIPMENT ENGINEERING DATA, OPERATING AND MAINTENANCE INSTRUCTIONS, CONTROL WIRING DIAGRAMS INDICATING CONTROL EQUIPMENT AND FUNCTION. IN ADDITION, CONTRACTOR SHALL INSTRUCT OWNERS AND/OR THEIR REPRESENTATIVES ON PROPER OPERATION AND SERVICING OF EQUIPMENT.

BASIS OF DESIGN:

EQUIPMENT SCHEDULED IN THESE DRAWINGS HAVE BEEN USED AS THE BASIS OF DESIGN. WHERE INDICATED, ALTERNATIVE MANUFACTURERS WILL BE CONSIDERED; HOWEVER, IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL REQUIRED SIZES, WEIGHTS, ELECTRICAL CONNECTIONS, AND CLEARANCES ARE COMPATIBLE WITH THE DESIGN CONCEPT SHOWN ON THE DRAWINGS. THESE CHANGES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALTERNATIVE MANUFACTURERS LISTED ARE CONSIDERED GENERALLY ACCEPTABLE PROVIDERS; HOWEVER THEIR SPECIFIC PRODUCTS HAVE NOT BEEN EVALUATED FOR THIS DESIGN.



1 H200

GARAGE HVAC PLAN

1/4" = 1'-0"

KEY NOTES

1. MOUNT UNIT HEATER 12'-0" A.F.F. INSTALL PER MANUFACTURER'S INSTRUCTIONS, MAINTAINING ALL REQUIRED CLEARANCES. INSTALL PER NATIONAL FUEL GAS CODE.
2. ROUTE 4"Ø INTAKE/FLUE UP THROUGH ROOF TO CONCENTRIC VENT KIT. REFER TO DETAIL 2/H200. FLUE/INTAKE SHALL BE A STAINLESS STEEL CATEGORY 3 VENT SYSTEM.

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PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 16220 GREGORY A. KEZEL

SOUTH CAROLINA CPL No. 2227 CERTIFICATE OF AUTHORIZATION

SHEET INFORMATION

Issued	Scale
01/28/2026	As indicated

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
LBS	GAK

Drawing Title
GARAGE HVAC PLAN

Drawing Number
-
H200

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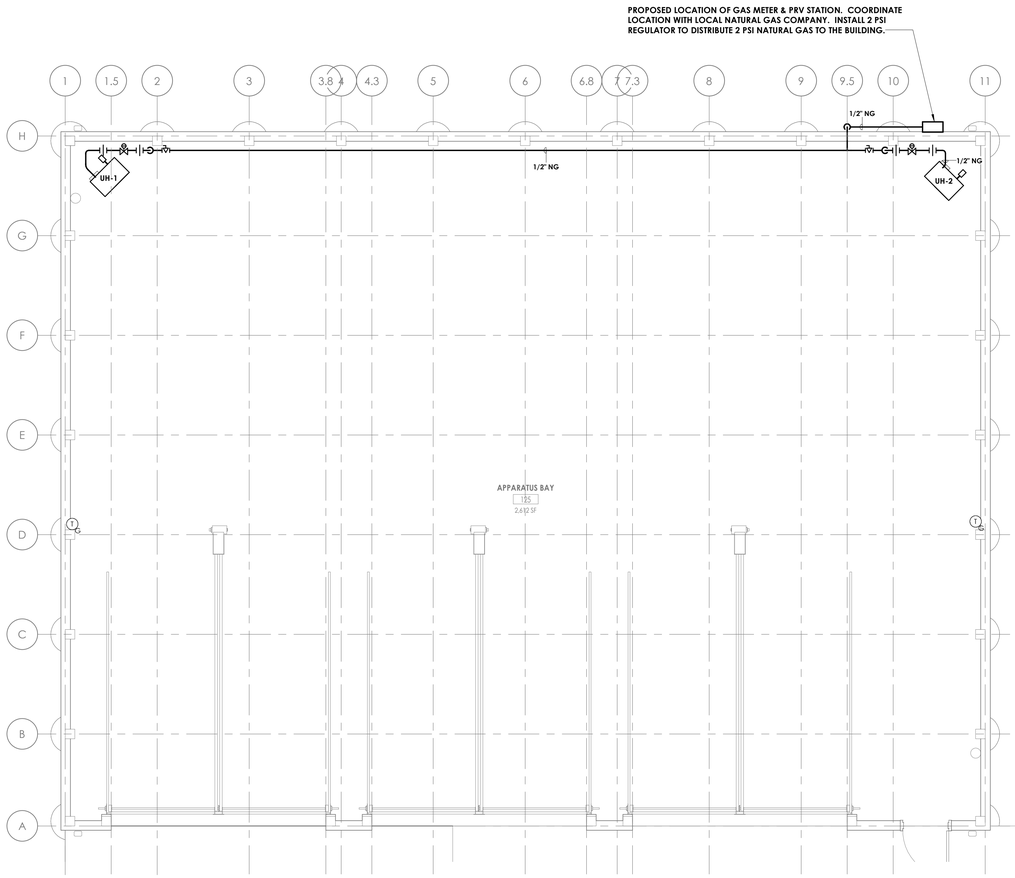


TRUE NORTH

1 / P300 **GARAGE NATURAL GAS PIPING NEW WORK PLAN**

1/4" = 1'-0"

GENERAL NOTES

A. ALL WORK SHALL COMPLY WITH 2021 SOUTH CAROLINA FUEL GAS CODE, LOCAL CODES, AND AUTHORITY HAVING JURISDICTION.

B. NATURAL GAS PIPING ABOVE GRADE SHALL BE ASTM A53 SCH 40 BLACK STEEL. WITH SCREWED JOINTS IN PIPE UP TO 2 1/2" AND WELDED JOINTS IN PIPE 3" AND ABOVE. ALL EXTERIOR EXPOSED GAS PIPE SHALL BE PAINTED (GRAY, YELLOW OR AS OTHERWISE SPECIFIED BY THE ARCHITECT).

C. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

D. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE SUPPORT PENETRATIONS THROUGH ROOF AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEM INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.

E. ALL PIPING SYSTEMS SHALL BE PRESSURE TESTED, PURGED, DISINFECTED AND/OR AIR REMOVED AS DICTATED BY CODE, MANUFACTURER SPECIFICATION, HEALTH DEPARTMENT AND/OR OTHER RELATED INDUSTRY STANDARDS. TEST REPORTS SHALL BE SUBMITTED FOR DOCUMENTATION.

F. INSTALL PIPING SO ALL VALVES, STRAINERS, TRAPS, ETC. ARE ACCESSIBLE.

PIPING LEGEND

XX	PIPING
NG	NATURAL GAS

FIXTURES & FITTINGS LEGEND

	ELBOW - TURNED UP
	ELBOW - TURNED DOWN
	UNION
	PLUG VALVE
	GAS PRESSURE REGULATOR

PLUMBING SPECIFICATIONS

NATURAL GAS PIPING (SANITARY & STORM):

ALL UNDERGROUND NATURAL GAS PIPING SHALL BE GRADE B, TYPE F, SCHEDULE 40 BLACK STEEL PIPE AND SHALL CONFORM TO ASTM A53/A53M. FITTINGS SHALL BE ASTM A234/A234M WROUGHT STEEL WELDING TYPE WITH AWWA C105/A21.4 POLYETHYLENE JACKET OR DOUBLE LAYER, HALF-LAPPED 10 MIL POLYETHYLENE TAPE. JOINTS SHALL BE WELDED ACCORDING TO ASME B31.1. ALL PIPE AND FITTINGS TO BE PRODUCED BY A SINGLE MANUFACTURER AND ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODE REQUIREMENTS.

ALL ABOVE GROUND NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE AND SHALL CONFORM TO ASTM A53/A53M. FITTINGS SHALL BE ASME B16.3 MALLEABLE IRON OR ASTM A234/A234M WROUGHT STEEL WELDING TYPE. JOINTS SHALL BE THREADED OR WELDED ACCORDING TO ASME B31.1. ALL PIPE AND FITTINGS TO BE PRODUCED BY A SINGLE MANUFACTURER AND ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODE REQUIREMENTS.

LUBRICATED PLUG VALVES:

MSS SP-78 LEAD-FREE CAST IRON WITH LUBRICATION SEALING SYSTEM, REGULAR GLAND WITH FLANGED ENDS, AND SHALL COMPLY WITH ASTM A48/A48M OR ASTM A126. VALVE SHALL BE CLASS 125 WITH A CWP RATING MEETING OR EXCEEDING 200 PSI. VALVE SHALL BE REGULAR OR SHORT PATTERN. THE PLUG SHALL BE CAST IRON OR BRONZE WITH SEALANT GROOVE.

HANGERS-ISOLATORS:

HORIZONTAL LINES SHALL HAVE HANGERS AND RODS ADEQUATE FOR SIZE, MATERIAL, AND SERVICE. IN CONFORMANCE WITH PLUMBING CODE AND MANUFACTURER'S RECOMMENDATION.

PIPE IDENTIFICATION:

PROVIDE PIPE MARKERS ON PIPING OF THE FOLLOWING PIPING SYSTEM(S). FOR EACH SYSTEM IDENTIFIED USE BOLD LETTERING A MINIMUM OF 1/2" HIGH. PIPE MARKERS SHALL MATCH THE EXISTING COLOR SCHEME AND WORDING USED IN THE EXISTING BUILDING. IF A STANDARDIZED SYSTEM IS NOT UTILIZED, THEN THE FOLLOWING SHALL BE USED.

SYSTEM IDENTIFIED	PIPE MARKER COLOR	LETTERING COLOR
NATURAL GAS	YELLOW	BLACK (INDICATING PSI)

LOCATE PIPE MARKERS WHEREVER PIPING IS EXPOSED TO VIEW IN OCCUPIED SPACES, ACCESSIBLE MAINTENANCE SPACES (SHAFTS, TUNNELS, PLENUMS) AND EXTERIOR NON-CONCEALED LOCATIONS. ON PIPING ABOVE REMOVABLE ACOUSTICAL CEILINGS, AND ALL OTHER AREAS SPACED INTERMEDIATELY AT MAXIMUM SPACING OF 50 FT ALONG EACH RUN, EXCEPT REDUCED SPACING TO 25 FT. IN CONGESTED AREAS OF PIPING AND EQUIPMENT. PRINT EACH PIPE MARKER WITH ARROWS INDICATING DIRECTION OF FLOW, EITHER INTEGRALLY WITH PIPING SYSTEM SERVICE LETTERING OR AS A SEPARATE UNIT.

FIRE STOPPING:

FIRE STOP ALL PENETRATIONS BY PIPING OF EXISTING AND/OR NEW FIRE RATED WALLS, FLOORS, AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-84. INSTALL THE DEVICE(S) OR SYSTEM(S) IN ACCORDANCE WITH AN 'F' RATING EQUAL TO THE RATING ASSEMBLY BEING PENETRATED.

EARTHQUAKE DESIGN DATA:

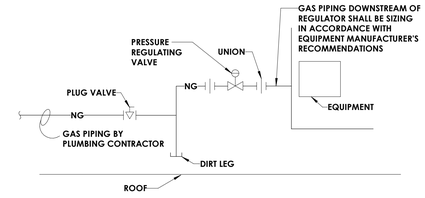
PROVIDE SEISMIC RESTRAINTS FOR ALL PIPING, JOINTS AND FITTINGS PER 2021 SOUTH CAROLINA BUILDING CODE AND ASCE 7. REFER TO STRUCTURAL DRAWINGS FOR SEISMIC REQUIREMENTS.

SEISMIC DESIGN CATEGORY: D

NATURAL GAS EQUIPMENT SCHEDULE

SYMBOL	EQUIPMENT	LOCATION	PROVIDED & INSTALLED BY	GAS INPUT CFH	GAS PRES. @ UNIT	GAS PRV PROVIDED & INSTALLED BY (IF REQ.):
UH-1	GAS UNIT HEATER	APPARATUS BAY 125	MECHANICAL	60	6"-7" W.C.	PLUMBING
UH-2	GAS UNIT HEATER	APPARATUS BAY 125	MECHANICAL	60	6"-7" W.C.	PLUMBING
				--		
			TOTAL CFH	120		

NOTES:
COORDINATE GAS METER & STATION WITH LOCAL GAS COMPANY.
PIPE SIZING BASED ON TABLE 402.4(5) 2 PSI NG SERVICE
TOTAL LENGTH OF RUN 73' X 1.5 = 109.5' USE 125'



2 / P300 **GAS CONNECTION DETAIL**

NOT TO SCALE

CPL | Architecture Engineering Planning
325 W. McBee Ave Suite 300
Greenville, SC 29601
CPLteam.com

PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLUMBING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

SOUTH CAROLINA REGISTERED No. 36220 PROFESSIONAL ENGINEER GREGORY A. KYLER 1995

SOUTH CAROLINA CPL No. 2227 CERTIFICATE OF AUTHORIZATION

SHEET INFORMATION

Issued: 01/28/2026
Scale: As indicated
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: TJB
Checked By: GAK
Drawing Title: GARAGE NATURAL GAS PIPING NEW WORK PLAN
Drawing Number: P300

1/27/2026 5:51:21 PM PROJECT FILES ON ACC

ELECTRICAL SPECIFICATIONS:

GENERAL:

THE INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70), WITH THE SOUTH CAROLINA STATE BUILDING CODE, AND WITH ALL OTHER APPLICABLE CODES, STANDARDS, AND REQUIREMENTS.

CONTRACTOR SHALL REVIEW AND UNDERSTAND ALL DRAWINGS AND ALL WORK OF ALL TRADES TO ENSURE A COMPLETE AND THOROUGH PROJECT. CONTRACTOR SHALL COOPERATE AND COORDINATE ALL PHASES OF WORK WITH OTHER DISCIPLINES AND GENERAL CONTRACTOR.

CONTRACTOR IS RESPONSIBLE TO PROVIDE POWER FOR ALL DISCIPLINES THROUGHOUT ALL PHASES OF CONSTRUCTION.

FURNISH ALL MATERIALS, EQUIPMENT, SERVICES, AND LABOR FOR A COMPLETE OPERABLE ELECTRICAL INSTALLATION AS INDICATED ON THE DRAWINGS. ALL MATERIAL SHALL BE NEW AND BEAR THE UNDERWRITERS LABORATORIES, INC. (UL) LABEL WHERE AVAILABLE. INCIDENTAL ITEMS NOT INDICATED ON THE DRAWINGS NOR MENTIONED IN THE SPECIFICATIONS THAT CAN LEGITIMATELY AND REASONABLY BE INFERRED TO BELONG TO THE WORK DESCRIBED OR BE NECESSARY IN GOOD PRACTICE TO PROVIDE A COMPLETE SYSTEM, SHALL BE FURNISHED AND INSTALLED AS THOUGH ITEMIZED HERE IN EVERY DETAIL.

SUBMIT PRODUCT DATA FOR ARCHITECT/ENGINEER REVIEW AND APPROVAL FOR THE FOLLOWING ITEMS:

1) WIRING DEVICES & COVERS
2) DISCONNECT SWITCHES & FUSES
3) PANELBOARDS
4) LUMINAIRES
5) SPDS

ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LABEL-LISTED BY A SOUTH CAROLINA APPROVED THIRD PARTY TESTING AGENCY.

ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH RECOGNIZED STANDARDS OF WORKMANSHIP. ALL WORK SHALL BE INSTALLED IN A NEAT AND ORDERLY MANNER.

MULTIPLE ITEMS SUCH AS WIRING DEVICES, RACEWAYS, ETC. SHALL BE FROM THE SAME MANUFACTURER. ALL EQUIPMENT SUPPLIED SHALL BE THE STANDARD EQUIPMENT OF THE MANUFACTURER.

ALL WORK SHALL BE LABELED WITH PERMANENT TYPEWRITTEN OR ENGRAVED LABEL. HANDWRITING IS NOT ACCEPTABLE. LABEL PANELBOARDS AND OTHER EQUIPMENT WITH ENGRAVED PHENOLIC LABEL INDICATING EQUIPMENT NAME, VOLTAGE/PHASE, AND SOURCE WHERE FED FROM. LABEL ANY DISCONNECT SWITCHES WITH ENGRAVED PHENOLIC LABEL INDICATING EQUIPMENT SERVED BY THE DISCONNECT AND PANEL/CIRCUIT NUMBER. LABEL SPARE CONDUITS AND JUNCTION BOXES WITH PANEL/CIRCUIT NUMBER. LABEL WIRING DEVICES WITH PRINTED SELF-ADHESIVE LABEL INDICATING PANEL/CIRCUIT NUMBER. LABEL JUNCTION BOXES WITH PANEL/CIRCUIT NUMBER. PROVIDE UPDATED TYPEWRITTEN DIRECTORY IN ALL AFFECTED PANELBOARDS INDICATING LOADS SERVED BY EACH CIRCUIT. ALL LABEL COLORS AND TYPES SHALL MATCH OWNERS PREFERENCE LABELING COLOR CODE.

VERIFY ALL PANELBOARD LOADS PRIOR TO ROUGH-IN. PROVIDE UPDATED TYPEWRITTEN PANELBOARD DIRECTORY FOR PANELBOARDS ASSOCIATED WITH THIS PROJECT. USE THE OWNERS DESIGNATIONS - DO NOT USE THE DESIGNATIONS SHOWN ON THE CONTRACT DOCUMENTS.

WARRANTY/COMPLETION OF WORK:

CONTRACTOR SHALL GUARANTEE WORK INSTALLED UNDER THE CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS, USUAL WEAR EXCEPTED. SHOULD ANY SUCH DEFECTS DEVELOP WITHIN A PERIOD OF ONE YEAR ACCEPTANCE OF THE PROJECT, THIS CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DEFECTIVE ITEMS & DAMAGE RESULTING FROM FAILURE OF THESE ITEMS, AT NO EXPENSE TO THE OWNER.

PERTINENT CERTIFICATES, WARRANTIES, AND O&M MANUALS SHALL BE DELIVERED TO THE OWNER'S REPRESENTATIVE, PRIOR TO FINAL BILLING.

BEFORE FINAL ACCEPTANCE BY THE OWNER WILL BE GRANTED, THE CONTRACTOR SHALL CLEAN ALL DEVICE PLATES, SERVICE FITTINGS AND OTHER ITEMS FURNISHED UNDER THIS CONTRACT. ALL PANELS AND ELECTRICAL ROOMS SHALL BE CLEANED DAILY.

AT COMPLETION OF WORK, ELECTRICAL CONTRACTOR SHALL DELIVER TO OWNER (3) SETS OF AS-BUILT DRAWINGS SHOWING LOCATION AND SIZE OF ALL ELECTRICAL WORK.

EVERY PART OF THE INSTALLATION SHALL BE TESTED, OPERATED, AND LEFT IN PERFECT WORKING ORDER.

EQUIPMENT, RACEWAYS, & WIRING:

DISTRIBUTION EQUIPMENT (PANELBOARDS, DISCONNECT SWITCHES, BREAKERS, ETC.) SHALL BE BY EATON, SQUARE D, OR SIEMENS.

PANELBOARDS SHALL HAVE ALUMINUM BUS AND MOLDED-CASE THERMAL-MAGNETIC CIRCUIT BREAKERS. AIC RATINGS SHALL BE RATED AS INDICATED ON PANEL SCHEDULES. HVAC BREAKERS SHALL BE HACR RATED. ENCLOSURES SHALL HAVE ENTIRE FRONT TRIM HINGED TO BOX AND WITH PIANO-HINGED DOOR WITHIN PIANO-HINGED TRIM COVER. SQUARE D IS BASIS-OF-DESIGN UNLESS NOTED OTHERWISE.

AIC RATINGS INDICATED ARE FULLY-RATED. SERIES RATINGS ARE NOT ALLOWED.

ALL PANELBOARDS SHALL BE KEYED ALIKE. PROVIDE TWO (2) SPARE SETS OF KEYS.

ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE, GRAY COLOR, WITH STAINLESS STEEL COVERPLATE AND MATCHING SCREWS, BY LEVITON, HUBBELL, PASS & SEYMOUR, OR COOPER. VERIFY DEVICE COLOR/FINISH WITH OWNER.

WEATHERPROOF COVERS FOR WIRING DEVICES SHALL BE CAST ALUMINUM, WHILE-IN-USE TYPE, RED-DOT CODEKEEPER OR EQUAL BY TAYMAC, COOPER, OR HUBBELL. NON-METALLIC COVERS ARE NOT ACCEPTABLE.

SAFETY DISCONNECT SWITCHES SHALL BE SINGLE-THROW, HEAVY-DUTY TYPE, WITH SOLID NEUTRAL. VOLTAGE RATING SHALL BE 240VAC OR 600VAC AS REQUIRED BY THE UTILIZATION VOLTAGE OF THE EQUIPMENT SERVED. PROVIDE FUSIBLE OR NON-FUSIBLE AS INDICATED. SWITCHES SHALL HAVE HORSEPOWER RATINGS EQUAL TO OR GREATER THAN THE CONNECTED MOTOR LOADS. ACCEPTABLE MANUFACTURERS: SQUARE D CLASS 3110 OR EQUAL BY SIEMENS, GENERAL ELECTRIC, OR EATON.

PROVIDE FUSES WHERE INDICATED; FUSES SHALL BE DUAL-ELEMENT, TIME-DELAY, REJECTION TYPE, CLASS RK1, BY MERSEN, LITTELFUSE, OR BUSSMAN.

UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE 2#12, #12G; 1/2" CONDUIT. COMBINED NEUTRALS ARE NOT PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100-FEET; PROVIDE #8 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 150-FEET; INCREASE CONDUIT SIZE AS REQUIRED. VERIFY EXACT CIRCUIT LENGTH AND SIZE CONDUCTORS TO PROVIDE ACCEPTABLE VOLTAGE DROP PER NEC.

CONDUCTORS SHALL BE COPPER, 600 VOLTS, THHN-THWN, 75°C INSULATION, SOLID FOR #10 AWG AND SMALLER UNLESS CONNECTED TO CIRCUIT BOARD THEN SHALL BE STRANDED. STRANDED FOR #8 AWG AND LARGER. MINIMUM SIZE SHALL BE #12 AWG.

ALL CONDUCTORS SHALL BE IN CONDUIT. EXPOSED CONDUIT AND WHERE SUBJECT TO PHYSICAL DAMAGE SHALL BE RIGID GALVANIZED STEEL. USE FLEXIBLE METALLIC CONDUIT FOR FINAL CONNECTION TO VIBRATING EQUIPMENT; LIQUIDTIGHT IN WET LOCATIONS. USE EMT WITH STEEL COMPRESSION FITTINGS IN ALL OTHER LOCATIONS; SET-SCREW FITTINGS ARE NOT ALLOWED.

FEEDER AND BRANCH CIRCUITS SHOWN ARE BASED ON EMT CONDUIT AND CURRENT CARRYING CONDUCTORS BASED ON 75° CELSIUS INSULATION. ELECTRICAL CONTRACTOR SHALL ADJUST CONDUIT SIZE IF OTHER THAN EMT CONDUIT IS USED. ELECTRICAL CONTRACTOR SHALL ADJUST WIRE SIZE FOR TERMINATIONS AND/OR EQUIPMENT THAT HAVE A LOWER TEMPERATURE RATING THAN 75° CELSIUS. ELECTRICAL CONTRACTOR SHALL ADJUST WIRE SIZE FOR INSTALLATION IN SPACES WITH AN AMBIENT TEMPERATURE HIGHER THAN 30° CELSIUS OR EXPOSED TO THE ELEMENTS SUCH AS ROOF TOPS. COORDINATE WITH THE EQUIPMENT INSTALLER TO DETERMINE THE TEMPERATURE RATING OF THE EQUIPMENT AND THE TERMINATION LUGS. BASE WIRE SIZE ON THE MORE STRINGENT TEMPERATURE RATING.

FURNISH ALL MATERIALS, LABOR AND EQUIPMENT FOR THE INSTALLATION OF SEISMIC BRACING AND RESTRAINTS FOR RESISTANCE TO EARTHQUAKE LOADS AS PRESCRIBED BY THE SOUTH CAROLINA BUILDING CODE.

CONDUIT RUNS SHOWN ARE SCHEMATIC AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.

ALL CONDUIT AND WIRING SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE BOXES SHALL BE USED IN-LIEU OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.

JUNCTION, PULL AND OUTLET BOXES SHALL BE INSTALLED SUCH THAT THE WIRING CONTAINED IN BOX MAY BE RENDERED ACCESSIBLE.

USE COLOR CODED ADHESIVE MARKING TAPE FOR RACEWAYS, WIRES AND CABLES. COLOR CODE THE WIRING SYSTEM TO MATCH OWNERS PREFERENCE. IF NO PREFERENCE EXISTS ON PROPERTY, CODE WIRING AS FOLLOWS:

240/120V
PHASE A: BLACK
PHASE B: RED
NEUTRAL: WHITE
GROUND: GREEN

CONDUIT PENETRATIONS OF ROOF, WALLS, FLOORS, AND CEILINGS SHALL BE SEALED TO PRESERVE THE INTEGRITY OF WATERPROOFING, FIRE RATING, AND SOUNDPROOFING FOR WHICH THE ROOF, WALL, FLOOR, OR CEILING IS DESIGNED. MATERIALS AND METHODS USED SHALL COMPLY WITH STATE, LOCAL BUILDING AND FIRE CODES. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT SEALING/FIRESTOPPING IS DONE.

MULTI-WIRE BRANCH CIRCUITS (SHARED NEUTRALS) ARE NOT PERMITTED UNLESS SPECIFICALLY NOTED.

GROUNDING:

THE CONTRACTOR SHALL FURNISH, INSTALL, AND CONNECT A COMPLETE SYSTEM OF GROUNDING FOR ALL EQUIPMENT AND STRUCTURES. A GOOD MECHANICAL AND ELECTRICAL CONNECTION SHALL BE MADE WITH APPROVED GROUNDING CONNECTORS.

ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

THE METALLIC CONDUIT SYSTEM SHALL BE USED AS PERMITTED BY THE ELECTRICAL CODE FOR EQUIPMENT AND ENCLOSURE GROUNDING SYSTEM. PROVIDE, AS DEFINED BY THE ELECTRICAL CODE, GROUNDING LUGS, STRAPS AND GREEN INSULATED COPPER GROUNDING CONDUCTORS, SIZED ACCORDING TO THE ELECTRICAL CODE.

IN ADDITION, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR FOR ALL CIRCUITS PER NEC.

GROUNDING CONDUCTORS SHALL BE COPPER.

MAKE ALL JOINTS AND CONNECTIONS OF THE CONDUIT SYSTEM TIGHT TO MAINTAIN CONTINUITY OF MECHANICAL AND ELECTRICAL GROUND THROUGHOUT ENTIRE SYSTEM.

COORDINATION:

THE ELECTRICAL CONTRACTOR SHALL COORDINATE SEQUENCE OF WORK WITH ALL OTHER TRADES. CONTRACTOR SHALL VERIFY VOLTAGE OF MECHANICAL EQUIPMENT AND FIXTURE DRIVERS, PRIOR TO COMMENCING ANY WORK.

NOTIFY ENGINEER IMMEDIATELY OF POSSIBLE CONFLICTS WITH STRUCTURE, MECHANICAL, SITE, OR OTHER FEATURES. WHERE JOB CONDITIONS REQUIRE REASONABLE CHANGES IN LOCATIONS AND ARRANGEMENT OF INDICATED EQUIPMENT, CONDUIT, OUTLETS, OR WIRING, CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT COST TO OWNER.

IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY, PRIOR TO ANY INDIVIDUAL CIRCUIT'S INSTALLATION, TO VERIFY WITH ALL OTHER TRADES CONCERNED THAT THE CIRCUIT WITH DEVICES AS DRAWN IS ADEQUATE IN SIZE FOR THE EQUIPMENT TO BE INSTALLED. IF ANY CONFLICT IN VOLTAGE, PHASE OR LOAD IS ENCOUNTERED WHICH WOULD ALTER THE CIRCUIT SIZE, THIS CONTRACTOR SHALL NOTIFY THE ENGINEER OR OWNER IMMEDIATELY. FAILURE TO DO SO SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT CIRCUIT CHANGE DIRECTLY UPON THE CONTRACTOR.

VERIFY ALL PANELBOARD LOADS PRIOR TO ROUGH-IN. PROVIDE UPDATED TYPEWRITTEN PANELBOARD DIRECTORY FOR PANELBOARDS ASSOCIATED WITH THIS PROJECT. USE THE OWNERS DESIGNATIONS - DO NOT USE THE DESIGNATIONS SHOWN ON THE CONTRACT DOCUMENTS.

REFER TO ARCHITECTURAL DRAWINGS FOR DESCRIPTION OF PHASING FOR THIS PROJECT. COORDINATE THE INSTALLATION OF THE ELECTRICAL WORK TO COINCIDE WITH THE DESCRIPTION OF PHASING.

CONSTRUCTION SEQUENCE NOTES:

COORDINATE ALL CONSTRUCTION WITH ALL OTHER TRADES AS REQUIRED.

THE OWNER WILL PAY ALL NECESSARY UTILITY CHARGES RELATED TO THE OPERATION OF THE NEWLY-CONSTRUCTED FACILITIES DEEMED OPERATIONAL BY THE ENGINEER. THESE SHALL INCLUDE BUT NOT BE LIMITED TO ANY TEMPORARY ELECTRIC AND TELEPHONE SERVICE REQUIRED.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TEMPORARY FACILITIES REQUIRED TO PERFORM HIS WORK.

THE CONTRACTOR SHALL COORDINATE ALL OPERATIONAL CHANGES WITH THE OWNER AND ENGINEER. THE CONTRACTOR SHALL TEST AND SUCCESSFULLY START-UP ALL NEW UNITS. WHEN AN AREA IS TURNED OVER TO THE OWNER FOR THEIR OPERATION, THE WARRANTY PERIOD BEGINS FOR THAT AREA.

LIGHTING:

PROVIDE LIGHTING PRODUCTS, INCLUDING LUMINAIRES, AND LIGHTING CONTROLS, AS SCHEDULED ON THE DRAWINGS, OR ENGINEER-APPROVED EQUAL. PROVIDE SUBMITTALS SHOP DRAWINGS AND SAMPLES AS LISTED BELOW TO THE ENGINEER FOR ALTERNATE LUMINAIRES AND/OR CONTROLS NOT SCHEDULED AT LEAST 10 DAYS PRIOR TO BID.

SUBMITTALS - PRODUCT DATA: FOR EACH TYPE OF PRODUCT.

1. ARRANGE IN ORDER OF LUMINAIRE DESIGNATION.
2. INCLUDE DATA ON FEATURES, ACCESSORIES, AND FINISHES.
3. INCLUDE PHYSICAL DESCRIPTION AND DIMENSIONS OF LUMINAIRES.
4. INCLUDE LIFE, OUTPUT (LUMENS, CCT, AND CRI), AND ENERGY EFFICIENCY DATA.

WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

LUMINAIRE REQUIREMENTS:

1. SEISMIC PERFORMANCE: LUMINAIRES SHALL WITHSTAND THE EFFECTS OF EARTHQUAKE MOTIONS DETERMINED ACCORDING TO ASCE/SEI 7.
2. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.
3. CRI AND CCT PER LUMINAIRE SCHEDULE.
4. RATED LAMP LIFE OF 50,000 HOURS MINIMUM.
5. INTERNAL DRIVER.
6. NOMINAL OPERATING VOLTAGE: 120 VAC.

LUMINAIRE FIXTURE SUPPORT COMPONENTS:

1. WIRES: ASTM A 641/A 641 M, CLASS 3, SOFT TEMPER, ZINC-COATED STEEL.
2. ROD HANGERS: 3/16-INCH MINIMUM DIAMETER, CADMIUM-PLATED, THREADED STEEL ROD.

TEMPORARY LIGHTING:
PROVIDE TEMPORARY LIGHTING FOR CONSTRUCTION PURPOSES IN EACH AREA ON CONSTRUCTION. REMOVE UPON COMPLETION AND ACCEPTANCE OF LIGHTING SYSTEM.

INSTALLATION:

1. COMPLY WITH NECA 1.
2. INSTALL LUMINAIRES LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS.
3. SUPPORTS:
   A. SIZED AND RATED FOR LUMINAIRE WEIGHT.
   B. ABLE TO MAINTAIN LUMINAIRE POSITION AFTER CLEANING.
   C. LUMINAIRE MOUNTING DEVICES SHALL BE CAPABLE OF SUPPORTING A HORIZONTAL FORCE OF 100 PERCENT OF LUMINAIRE WEIGHT AND VERTICAL FORCE OF 400 PERCENT OF LUMINAIRE WEIGHT.
4. SUSPENDED LUMINAIRE SUPPORT:
   A. DO NOT USE CEILING AS SUPPORT FOR PENDANT LUMINAIRES. CONNECT SUPPORT WIRES OR RODS TO BUILDING STRUCTURE.

ADJUSTING:
OCCUPANCY ADJUSTMENTS: ADJUST THE DIRECTION OF AIM OF LUMINAIRES TO SUIT OCCUPIED CONDITIONS AT THE SATISFACTION OF THE OWNER.

WIRING LEGEND:

DUPLEX/QUADRUPLEX RECEPTACLE
- C COUNTER HEIGHT OR 42" AFF
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- WP WEATHER PROOF "WHILE IN USE"
- WR WEATHER RESISTANT

JUNCTION BOX

S_M HEAVY-DUTY MOTOR-RATED SWITCH

XXA DISCONNECT SWITCH, AMP RATING INDICATED
- *208V VOLTAGE
- 60A FUSE SIZE
- 3P POLES
- 40AF FUSE SIZE (IF FUSIBLE)
- NF NON-FUSED (IF NOT FUSIBLE)
- 3R NEMA RATING
- EXAMPLE: 208V/60A/3P/NF/3R

PA-6 BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER

BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS REQUIRED

LIGHTING PLANS: LOW-VOLTAGE WIRING
OTHER PLANS: CONDUIT BELOW SLAB OR GRADE

LIGHT FIXTURE LEGEND:

NOTE: SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF TYPES

XX LIGHTING FIXTURE AS SCHEDULED

EXIT SIGN (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)

OS OCCUPANCY SENSOR, CEILING MTD - WITH ALL POWER PACKS, ACCESSORIES, AND WIRING TO CONTROL ALL LIGHTS IN THE SPACE

S_x SWITCH
(NONE) SINGLE POLE TOGGLE SWITCH

PANEL LEGEND:

ELECTRICAL PANEL, TYPE AS SCHEDULED

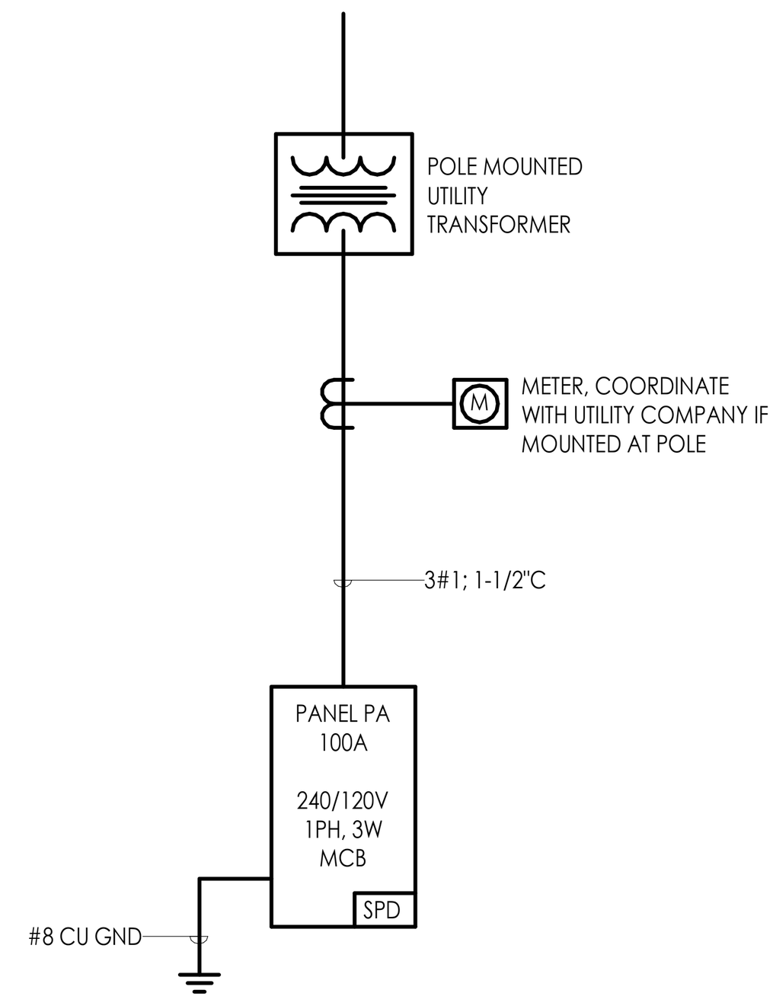
XXX ELECTRICAL SYSTEMS CONTROL PANEL
- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- BMS BUILDING MANAGEMENT SYSTEM

SPD SURGE PROTECTION DEVICE

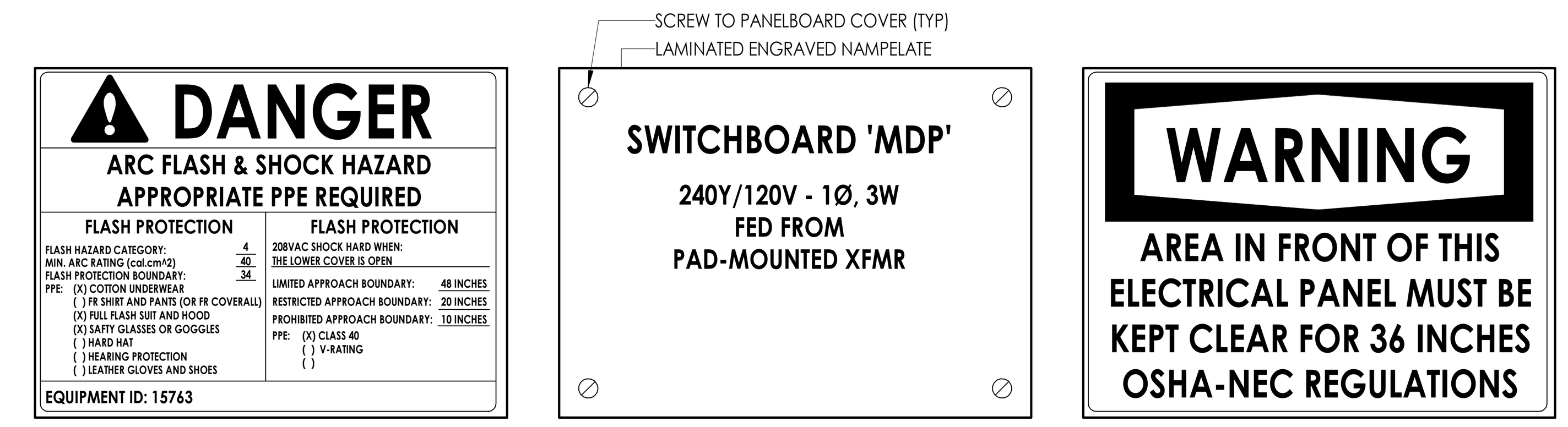
ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GROUND
BFG	BELOW FINISHED GROUND
CKT	CIRCUIT
ETR	EXISTING TO REMAIN
FWE	FURNISHED WITH EQUIPMENT
MVOLT	MULTI-VOLT
TYP	TYPICAL
WG	PROVIDE WIRE GUARD

NOTE:
SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.



1 E000 **ONE-LINE DIAGRAM**
NOT TO SCALE



NOTE: ALL PANELBOARDS, EXISTING AND NEW, SHALL HAVE A NEW NAMEPLATE. INFORMATION SHOWN IN THIS DETAIL ARE FOR REFERENCE ONLY. NAMEPLATE INFORMATION SHALL REFLECT PANELBOARD IT IS PLACED ON. FIELD VERIFY IF UNKNOWN.

NOTE: ALL EXISTING AND NEW PANELS ARE REQUIRED TO HAVE A "WARNING"/"CLEARANCE" LABEL ON THEM. IF ONE DOES NOT EXIST THEN PLACE A NEW LABEL.

2 E000 **TYPICAL PANELBOARD LABELING**
NOT TO SCALE

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PROJECT INFORMATION

Project Number
R25.18915.00

Client Name
YORK COUNTY

Project Name
LESSLIE FD STATION #2 GARAGE

Project Address
2711 Reservation Rd, Rock Hill, SC 29730

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description

PLANNING & DEVELOPMENT SERVICES
YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 20444 MICHAEL S RANIERI
03/20/2026

SOUTH CAROLINA CPL No. 2227 CERTIFICATE OF AUTHORIZATION

SHEET INFORMATION

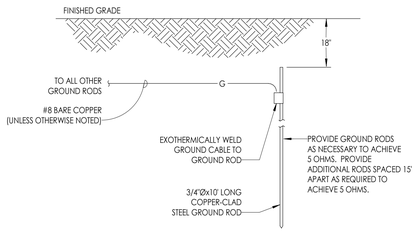
Issued	Scale
01/28/2026	As indicated

Project Status
CONSTRUCTION DOCUMENTS

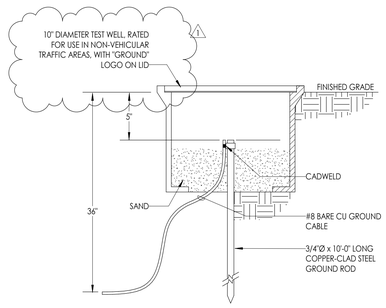
Drawn By	Checked By
JMH	MSR

Drawing Title
SPECIFICATIONS, ONE-LINE DIAGRAM, AND NOTES

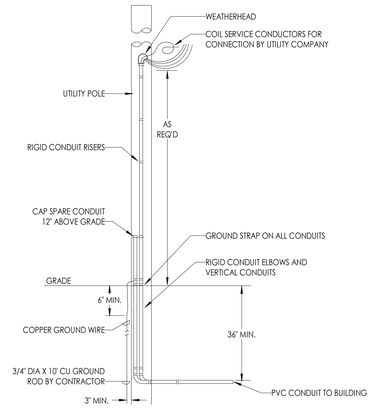
Drawing Number
E000



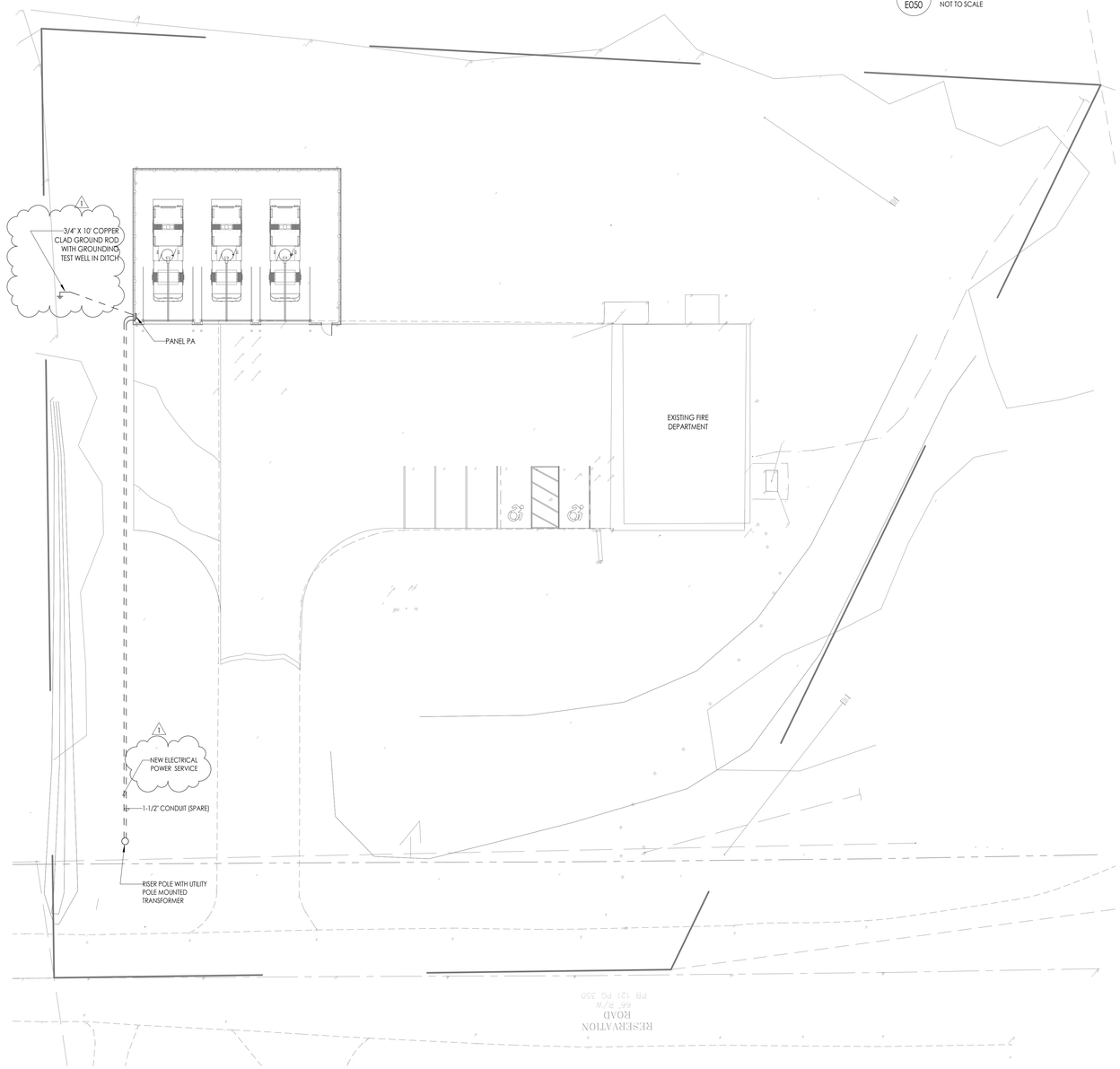
5 E050 **GROUNDING ROD DETAIL**
NOT TO SCALE



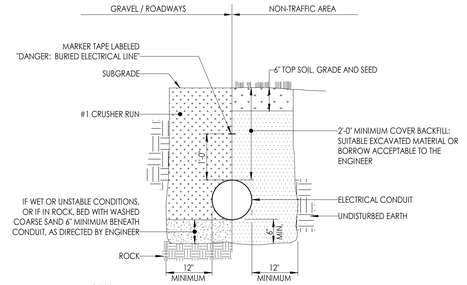
6 E050 **GROUNDING TEST WELL**
NOT TO SCALE



7 E050 **RISER POLE DETAIL**
NOT TO SCALE



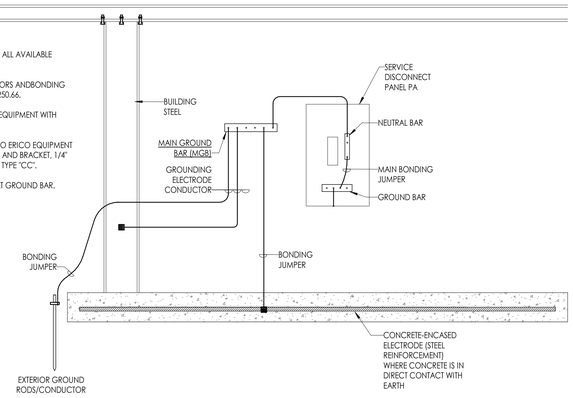
1 E050 **SITE PLAN**
1/16" = 1'-0"



NOTES:
1. ALL MATERIAL PLACED IN GRAVEL/ROADWAY AREAS SHALL BE COMPACTED IN MAXIMUM 6" LIFTS.
2. THIS TRENCH DETAIL SHALL INCLUDE THE REQUIREMENTS COMMON TO MORE THAN ONE SECTION OF DIVISION 2 OF THE SPECIFICATIONS.
3. THIS DETAIL DOES NOT APPLY TO SERVICES OR GENERATOR FEEDERS.

3 E050 **TYPICAL TRENCH DETAIL FOR CONDUIT**
NOT TO SCALE

GROUNDING DETAIL NOTES:
1. THIS DETAIL IS SCHEMATIC. CONNECT TO ALL AVAILABLE GROUNDING ELECTRODES PER NEC 250.
2. ALL GROUNDING ELECTRODE CONDUCTORS ANDBONDING JUMPERS SHALL BE SIZED PER NEC TABLE 250.66.
3. VERIFY GROUNDING CONNECTIONS TO EQUIPMENT WITH MANUFACTURER'S INSTRUCTIONS.
4. SERVICE GROUND BAR SHALL BE EQUAL TO ERICO EQUIPMENT COPPER GROUND BAR WITH INSULATORS AND BRACKET, 1/4" THICK, 4" WIDE, 24" LONG, HOLE PATTERN TYPE 'CC'.
5. LABEL ALL GROUNDING CONDUCTORS AT GROUND BAR.



2 E050 **SERVICE GROUNDING DETAIL**
NOT TO SCALE

GENERAL NOTES

1. VERIFY DISTANCE AND PROVIDE CONDUCTORS SIZED AS REQUIRED FOR ACCEPTABLE VOLTAGE DROP PER NEC.
2. COORDINATE EXACT LOCATION OF ALL DEVICES, POLES, STUB-UPS, ETC. WITH OWNER PRIOR TO ROUGH-IN.
3. CONDUIT LINES SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM EQUIPMENT SO THAT WATER WILL FLOW AWAY FROM THE EQUIPMENT. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUITS ARE LAID SO THAT THE ELEVATION CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTRUCTIONS. MANUFACTURED BENDS SHALL HAVE A MINIMUM RADIUS OF 48" FOR UTILITY SERVICE CONDUITS, 36" FOR OTHER CONDUITS.
4. WHERE INTERNAL DIAMETER OF CONDUIT IS 2" OF LESS, THE BEND RADIUS MUST BE AT LEAST 6 TIMES THE INTERNAL CONDUIT DIAMETER. WHERE CONDUIT HAS AN INTERNAL DIAMETER OF 2" OF MORE, THE BEND RADIUS MUST BE AT LEAST 10 TIMES THE INTERNAL CONDUIT DIAMETER.
5. ALL CONDUITS SHALL BE SEALED WATERTIGHT ON INTERIOR AND EXTERIOR OF EQUIPMENT AND BUILDING TO PREVENT MOISTURE INFILTRATION. SEALANTS SHALL BE LISTED AND IDENTIFIED FOR USE WITH THE CABLE INSULATION OR OTHER COMPONENTS.
6. CONTRACTOR SHALL NOT COMMENCE EXCAVATION OR DIGGING UNTIL AFTER CONTRACTOR HAS HAD UTILITY LOCATING SERVICES LOCATE AND IDENTIFY ALL EXISTING UNDERGROUND UTILITIES AND OTHER SYSTEMS. DAMAGE CAUSED TO EXISTING SYSTEMS SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
7. REFER TO CIVIL AND ARCHITECTURAL PLANS FOR ADDITIONAL REQUIRED DEMOLITION WORK AND COORDINATION.

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PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
1	3/20/2026	Revision 1

PLANNING & DEVELOPMENT SERVICES YORK COUNTY, SC
APPROVED
Project No: 20151345
Date: 4/16/2026

PROFESSIONAL STAMPS
SOUTH CAROLINA PROFESSIONAL ENGINEER No. 20444 MICHAEL S RAINER
03/20/2026
SOUTH CAROLINA CPL No. 2227 CERTIFICATE OF AUTHORIZATION

SHEET INFORMATION
Issued 01/28/2026
Scale As indicated
Project Status CONSTRUCTION DOCUMENTS
Drawn By JMH
Checked By MSR
Drawing Title SITE PLAN
Drawing Number
E050

3/18/2026 9:47:16 AM PROJECT FILES ON ACC

PANEL PA

VOLTAGE: 240/120 1 PH 3W | A/C RATING: xxK | REMARKS:
FEEDER AMP: 100 MAINS: 100 MCB | MOUNTING: SURFACE
LUGS: FEED: BOTTOM | ENCLOSURE: NEMA 1

BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	CKT	VA	LOAD DESCRIPTION	NOTE	BKR
20/1		RCPT-OH DOORS & EXT	540	1	A	2	317	UH-1		20/1
20/1		OVERHEAD DOOR #1	1176	3	B	4	317	UH-2		20/1
20/1		OVERHEAD DOOR #2	1176	5	A	6	390	LIGHTING		20/1
20/1		RCPT-OH DOORS & EXT	540	7	B	8	390	LIGHTING		20/1
20/1		OVERHEAD DOOR #3	1176	9	A	10	124	EXTERIOR LIGHTING		20/1
20/1		RCPT-WEST	360	11	B	12	0	SPARE		20/1
20/1		RCPT-NORTH	540	13	A	14	0	SPARE		20/1
20/1		RCPT-EAST	360	15	B	16	0	SPARE		20/1
		PREPARED SPACE	0	17	A	18	0	PREPARED SPACE		
		PREPARED SPACE	0	19	B	20	0	PREPARED SPACE		
30/2		SPD	0	21	A	22	0	PREPARED SPACE		
-	-	-	0	23	B	24	0	PREPARED SPACE		

Connected Load Per Phase — PH A: 4263 — PH B: 3143

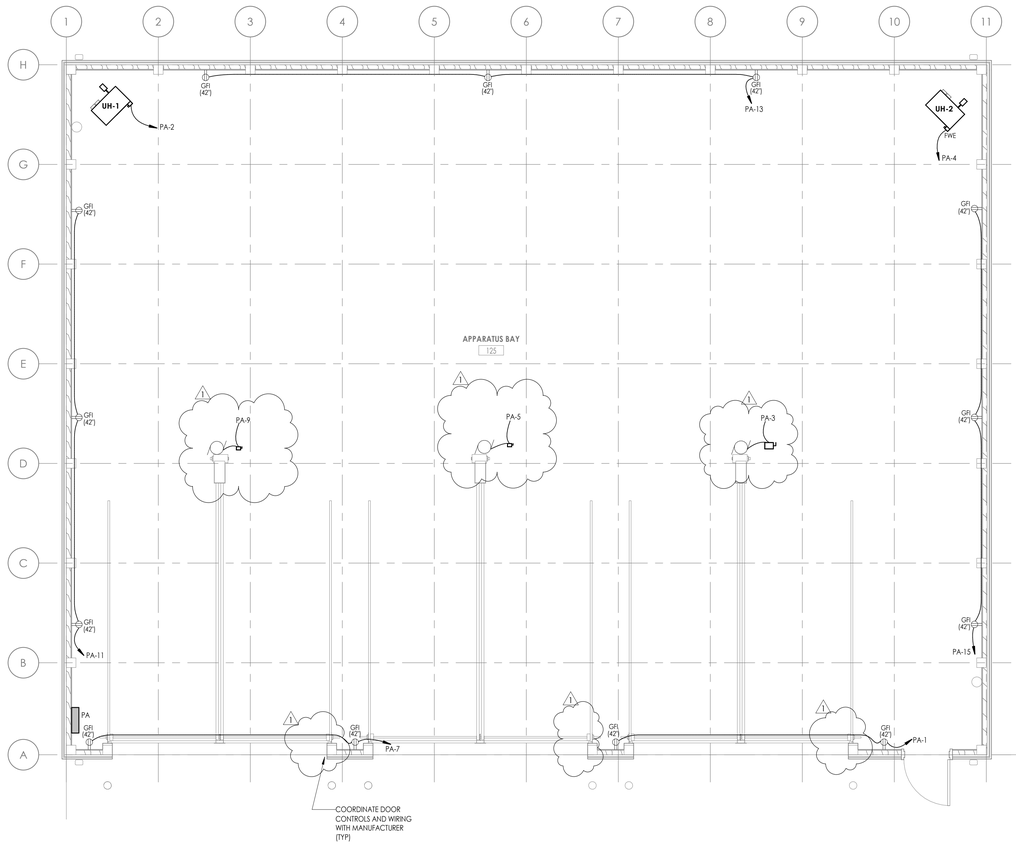
	Lighting	HVAC	Motors	Recept.	Refrig	Kitchen	Misc	Total VA	Amps
Connected VA	904	634	3528	2340	0	0	0	7406	30.9
Demand Factor	1.25	1.00	1.00	NEC	1.00	1.00	1.00		
Demand VA	1130	634	3528	2340	0	0	0	7632	31.8

LUMINAIRE SCHEDULE

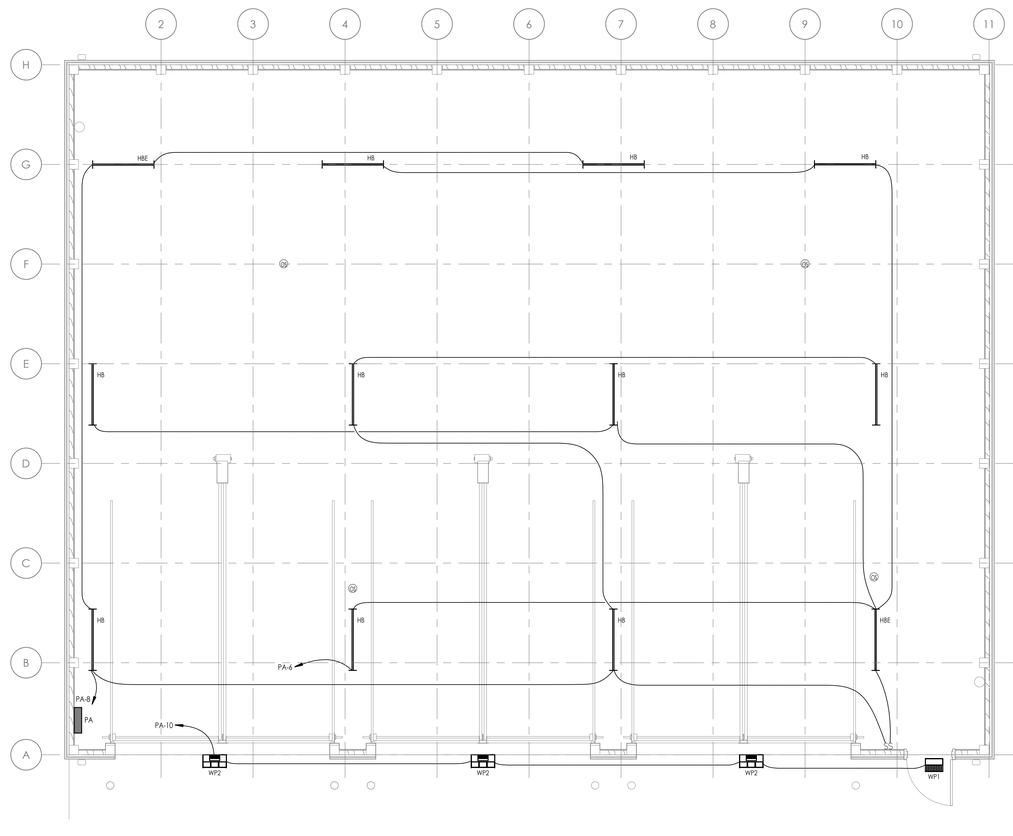
MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	WATTS	LUMENS	TYPE	MOUNTING	REMARKS
HB	LED NARROW HIGH-BAY LUMINAIRE, ALUMINUM HOUSING, WIREGUARD	HE WILLIAMS (OR APPROVED EQUAL BY LITHONIA OR METALUX)	GLN-4-L105-840-WG11-DRV-120	120	65	10612	4000K LED	SUSPENDED @ 16'-0"	-
HBE	LED NARROW HIGH-BAY LUMINAIRE, ALUMINUM HOUSING, WIREGUARD, INTEGRAL 10W EMERGENCY BATTERY PACK	HE WILLIAMS (OR APPROVED EQUAL BY LITHONIA OR METALUX)	GLN-4-L105-840-EM/10W-WG11-DRV-120	120	65	10612	4000K LED	SUSPENDED @ 16'-0"	-
WP1	LED WALL PACK, ALUMINUM HOUSING, SWITCHABLE LUMENS AND COLOR TEMPERATURE, PHOTOCELL, INTEGRAL BATTERY BACKUP	LITHONIA (OR APPROVED EQUAL BY HE WILLIAMS OR METALUX)	TWR1 LED ALO SWW2 UVOLT PE DDBTXD	120	16	2300	4000K LED	SURFACE @ 8'-6"	-
WP2	LED WALL PACK, ALUMINUM HOUSING, SWITCHABLE LUMENS AND COLOR TEMPERATURE, PHOTOCELL	LITHONIA (OR APPROVED EQUAL BY HE WILLIAMS OR METALUX)	TWR1 LED ALO SWW2 UVOLT PE E7WC DDBTXD	120	36	2300	4000K LED	SURFACE @ 15'-0"	-

GENERAL NOTES

1. FOR ALL PANELS AND OTHER ELECTRICAL EQUIPMENT, MAINTAIN MINIMUM WORKING CLEARANCES IN THE DIRECTION OF LIVE PARTS PER NEC 110.26.
2. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE.
3. COORDINATE EXACT LOCATIONS OF DEVICES WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
4. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.



1 E200 **POWER PLAN**
1/4" = 1'-0"



2 E200 **LIGHTING PLAN**
1/4" = 1'-0"

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PROFESSIONAL STAMPS

SOUTH CAROLINA — LICENSED PROFESSIONAL ENGINEER — No. 20444 — MICHAEL S RAMER
03/20/2026

CPL — No. 2227 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

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Drawn By: JMH | Checked By: MSR
Drawing Title: FLOOR PLANS

Drawing Number
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